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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1975



Ontario

Ministry of Treasury
Economics and
Intergovernmental Affairs

March 1978

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Report for 1975



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Central
Statistical
Services

PREFACE

Consumption of Fuel and Electricity by Ontario Manufacturing Industries is an annual publication. This 1978 issue, the fifth in a series, covers an extensive range of data concerning energy use in the Ontario manufacturing sector. The data presented in this publication are based on the Annual Census of Manufactures for 1975, the latest year for which detailed figures are available.

The publication is intended to provide an important basis for economic analysis and policy development. It contains a brief introductory section which outlines the highlights as reflected in the data. The main body of this report consists of 14 tables at 2 levels of aggregation, namely: two digit major group and three digit industry group. These tables provide data on energy use, general production statistics and related ratios.

Also included is a table of conversion factors for converting various fuels into BTU (British Thermal Unit) equivalents and/or kWh (Kilowatt-hour) equivalents. The former conversion factors have been used for calculating the figures in Table 12.

March 1978

EXPLANATORY TEXT

ENERGY CONSUMED

In this publication, energy consumed is defined as fuel and electricity purchased and consumed. The data do not represent total energy consumption by the manufacturing industries. For example, in certain industries where coal and coke and/or natural gas etc., are used as a catalyst, this type of energy is included in manufacturing materials and supplies. Furthermore, it should be noted that energy generated by establishments from their own facilities is not included in this publication.

This definition should be borne in mind when considering the tables on natural gas and coal appearing on pages 50 to 56 and pages 64 to 70.

DIRECT ENERGY REQUIREMENTS

For the purpose of this publication, the term Direct Energy Requirements is used interchangeably with Energy Consumed.

CONFIDENTIALITY OF DATA

Central Statistical Services is prohibited by law from publishing any statistics which would divulge information relating to any individual company in the Annual Census of Manufactures. In collaboration with Statistics Canada and the other Provinces, it is frequently necessary to suppress any information that may create residual disclosure, at the national and/or provincial levels. In such cases, all suppressed data are marked as "CONFIDENTIAL".

SIC

SIC refers to the Standard Industrial Classification. The classification of industries used in this publication is based on the Standard Industrial Classification Manual (revised 1970 edition Catalogue Number 12-501) published by Statistics Canada.

CONVERSION TABLE

In order to provide a common measure when comparing energy statistics, we have included the following table which gives the conversion factors for converting various fuels into BTU (British Thermal Unit) equivalents and/or KWH (Kilowatt-hour) equivalents:

Fuel Type	Natural Unit	Heat Equivalents	
		BTU Million	KWH
Coal	Short Ton	24.9128	7,302
Natural Gas	Cubic Foot	0.0010	0.2931
Gasoline	Canadian Gallon	0.1492	44
Fuel Oil	Canadian Gallon	0.1769	52
Liquid Petroleum Gas	Canadian Gallon	0.1170	34
Electricity	Kilowatt-Hour	0.003412	-

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ENERGY USED BY ONTARIO MANUFACTURING

The total value of energy consumed by Ontario manufacturing industries in 1975 exceeded \$791 million; an increase of 14.3 per cent over the previous year.

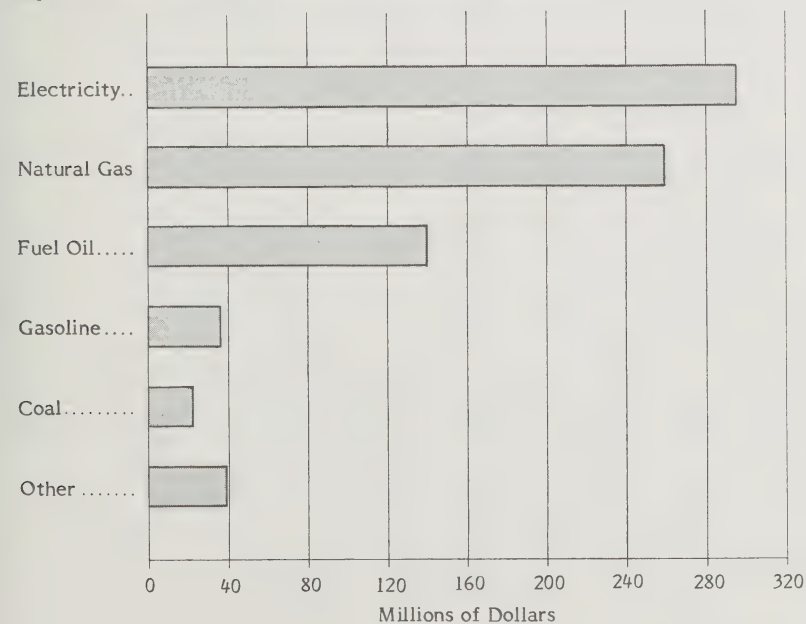
The type of energy used by Ontario manufacturing industries is outlined in the following table and chart:

Table A

Expenditure on Energy by Ontario Manufacturing Industries in 1975

	<u>\$ Million</u>	<u>Per Cent</u>
Electricity	295.0	37.3
Natural Gas	259.7	32.8
Fuel Oil	140.4	17.7
Gasoline	35.2	4.5
Coal	22.1	2.8
Other	39.1	4.9
Total	791.5	100.0

Expenditure on Energy by Ontario Manufacturing Industries 1975



ENERGY INTENSIVE INDUSTRIES

In terms of value added, the six most energy intensive are: industrial chemicals, pulp and paper mills, smelting and refining, cement manufacturers, abrasives manufacturers and lime manufacturers. The following table shows that intensity of energy use is not directly related to value added.

While six industries listed in the table below consumed 36.5 per cent of the total value of fuel and electricity used by Ontario Manufacturers, they accounted for a relatively small proportion (7.3 per cent) of total value added in Manufacturing.

Table B

Ontario's Energy Intensive Manufacturing Industries 1975*

<u>SIC Code</u>	<u>Industries</u>	<u>Value Added in Mfg.</u>	<u>Energy Cost Per \$000 Value Added</u>	<u>Energy Cost Per Person Employed</u>
		(\$ million)	(\$)	(\$)
378	Industrial Chemicals	523.8	231	9,300
271	Pulp and Paper Mills	503.8	164	3,958
295	Smelting and Refining	182.1	248	4,600
352	Cement Manufacturers	74.0	356	20,095
357	Abrasives Manufacturers	37.2	184	3,615
358	Lime Manufacturers	11.8	595	20,146
	Total (6 Industries)	1332.7		
	Per Cent of Total Value Added in Manufacturing	7.3		
	Per Cent of Total Energy Consumption in Manufacturing	36.5		

*Definition

Energy intensive industries in this study have been defined as those for which the energy cost per thousand dollars of value added are at least three times the average cost of \$43.11

ENERGY USE BY LARGE INDUSTRIES

For the total Ontario manufacturing sector, fuel and electricity costs in 1975 were equivalent to 1.8 per cent of value of shipments of goods of own manufacture and 3.1 per cent of value of raw materials and supplies used. Since only four industries consume 43.5 per cent of total fuel and electricity, it follows that the great majority of industries, including most of the large ones, are not energy intensive by the definition on page ii.

The table below outlines energy use for Ontario's twenty largest industries based on value added, of which only two are energy intensive.

Table C

Energy Costs of Twenty Largest Manufacturing Industries in Ontario 1975

SIC Code	Industries	Amount Spent On Energy			
		Value Added in Mfg.	Per \$000 Value Added Mfg.	Per Person Employed	Per \$000 Shipments
		(\$ million)	(\$)	(\$)	(\$)
291	Iron and Steel Mills	1086	88	2351	38
323	Motor Vehicle Manufacturers	1059	21	595	4
325	Motor Vehicle Parts and Accessories	983	29	699	13
315	Miscellaneous Machinery and Equipment	753	13	260	6
378	Industrial Chemicals	524	231	9300	102
108	Miscellaneous Food	520	32	1004	11
109	Beverage	508	24	997	14
335	Communications Equipment	507	8	157	5
271	Pulp and Paper Mills	504	164	3958	80
286	Commercial Printing	430	11	209	7
304	Metal Stamping, Pressing and Coating	412	24	529	11
336	Electrical Industrial Equipment	404	15	270	9
162	Rubber Products	362	35	713	18
289	Publishing and Printing	353	8	184	6
309	Miscellaneous Metal Fabricating	340	25	543	13
101	Meat and Poultry Products	340	36	787	8
165	Plastics Fabricating Ind., N.E.S.	289	32	577	15
391	Scientific and Professional Equipment	277	12	221	7
365	Petroleum Refineries	264	64	1873	10
107	Bakery Products	244	28	477	15
	Total	10159			
	Per cent of Total Value Added in Manufacturing	55.3			

LARGEST USERS OF ENERGY

Four industries consumed 43.6 per cent, by value, of energy used in Ontario Manufacturing. In addition to industrial chemicals, these included three energy intensive industries, iron and steel mills, pulp and paper mills and smelting and refining. Industrial Chemicals was found to be the largest user of energy.

Table D

Largest Manufacturing Energy Users in Ontario 1975

<u>SIC Code</u>	<u>Industry</u>	<u>All Sources</u>	<u>Electricity</u>	<u>Natural Gas</u>	<u>Fuel Oil</u>	<u>Coal</u>	<u>Gasoline</u>
Per cent of Total Manufacturing Use							
378	Industrial Chemicals	15.3	10.5	16.6	18.7	0.1	1.7
291	Iron and Steel Mills	12.1	13.0	13.3	12.0	0.1	1.5
271	Pulp and Paper Mills	10.5	11.0	11.5	9.0	29.0	0.6
295	Smelting and Refining	5.7	4.9	4.8	7.6	32.9	0.5

ENERGY AND EMPLOYMENT

The following table highlights the ten industries which in 1975 bore the highest energy cost per person employed.

Table E

Energy Costs Per Person Employed in Ontario 1975

<u>SIC Code</u>	<u>Industry</u>	<u>Energy Cost Per Person Employed</u>	<u>Total Employment</u>
		(\$)	(Persons)
358	Lime Manufacturers	20,145	349
352	Cement Manufacturers	20,095	1,310
378	Manufacturers of Industrial Chemicals	9,300	12,990
295	Smelting and Refining	4,600	9,830
369	Miscellaneous Petroleum and Coal Products	4,224	215
271	Pulp and Paper Mills	3,958	20,912
357	Abrasives Manufacturers	3,615	1,891
272	Asphalt Roofing Manufacturers	2,393	334
291	Iron and Steel Mills	2,351	40,607
351	Clay Products Manufacturers	2,197	2,986

COMPOSITION OF ENERGY BY ONTARIO MANUFACTURING INDUSTRIES

In the case of electricity, natural gas, fuel oil and gasoline, the ten largest consuming industries account for over 50 per cent, by value, of total consumption in the manufacturing sector. With respect to coal, the seven largest consumers account for more than 90 per cent, by value, of total consumption.

Table F

Electricity - Ten Largest Users in Ontario 1975

SIC Code	Industry	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
291	Iron and Steel	38.3	13.0
271	Pulp and Paper	32.5	11.0
378	Industrial Chemicals	30.8	10.5
325	Motor Vehicle Parts and Accessories	15.9	5.4
295	Smelting and Refining	14.6	4.9
365	Petroleum Refining	10.6	3.6
323	Motor Vehicle Manufacturers	8.3	2.8
357	Abrasives Manufacturers	6.3	2.1
162	Rubber Products	5.8	2.0
352	Cement Manufacturers	5.5	1.9
	Total	168.6	57.2

A chart for the ten largest users of electricity in Ontario for 1975 is given below:

Electricity - Ten Largest Users in Ontario 1975

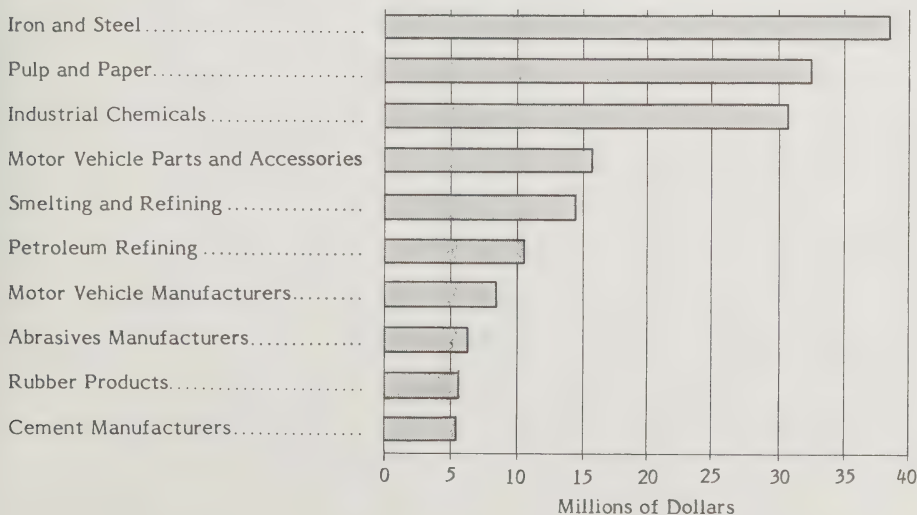


Table G

Natural Gas - Ten Largest Users in Ontario 1975

<u>SIC Code</u>	<u>Industry</u>	<u>Amount Used (\$ Million)</u>	<u>Per Cent of Total Mfg. Use</u>
378	Industrial Chemicals	43.2	16.6
291	Iron and Steel Mills	34.4	13.3
271	Pulp and Paper Mills	30.0	11.5
295	Smelting and Refining	12.5	4.8
356	Glass and Glass Products	10.1	3.9
352	Cement Manufacturers	8.2	3.2
325	Motor Vehicle Parts and Accessories	8.2	3.2
108	Miscellaneous Food Industries	7.3	2.8
365	Petroleum Refining	5.2	2.0
109	Beverage Industries	5.0	1.9
Total		164.1	63.2

A chart for the ten largest users of natural gas in Ontario for 1975 is given below:

Natural Gas - Ten Largest Users in Ontario 1975

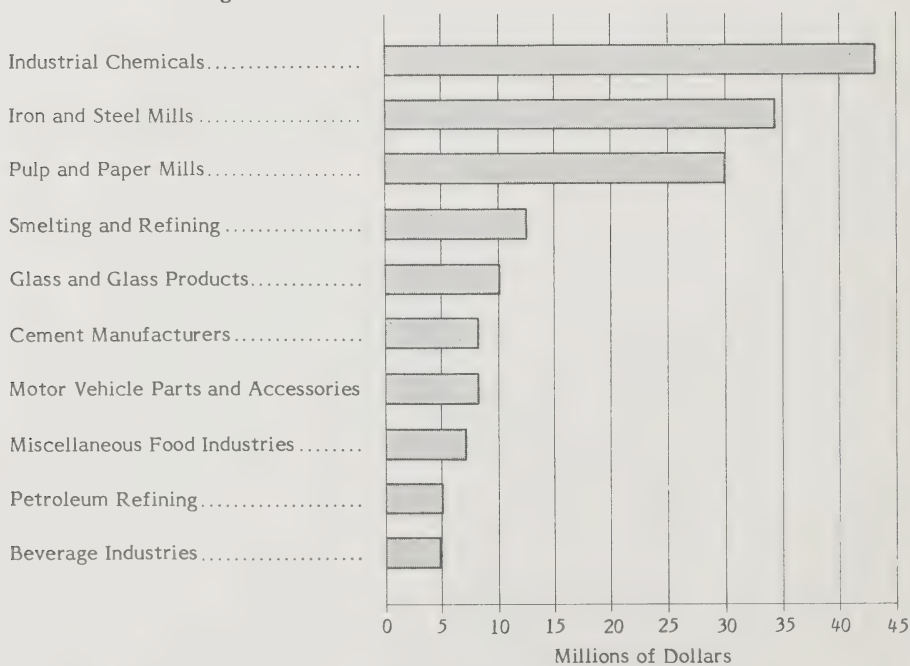


Table H

Fuel Oil - Ten Largest Users in Ontario 1975

<u>SIC Code</u>	<u>Industry</u>	<u>Amount Used (\$ Million)</u>	<u>Per Cent of Total Mfg. Use</u>
378	Industrial Chemicals	26.3	18.7
291	Iron and Steel Mills	16.9	12.0
271	Pulp and Paper Mills	12.6	9.0
295	Smelting and Refining	10.7	7.6
352	Cement Manufacturers	8.3	5.9
323	Motor Vehicle Manufacturers	5.3	3.8
183	Man-Made Fibre, Yarn & Cloth Mills	4.1	2.9
355	Ready-Mix Concrete	3.4	2.4
101	Meat and Poultry Products	2.7	1.9
162	Rubber Products	2.4	1.7
	Total	92.7	65.9

A chart for the ten largest users of fuel in Ontario 1975 is given below:

Fuel Oil - Ten Largest Users in Ontario 1975

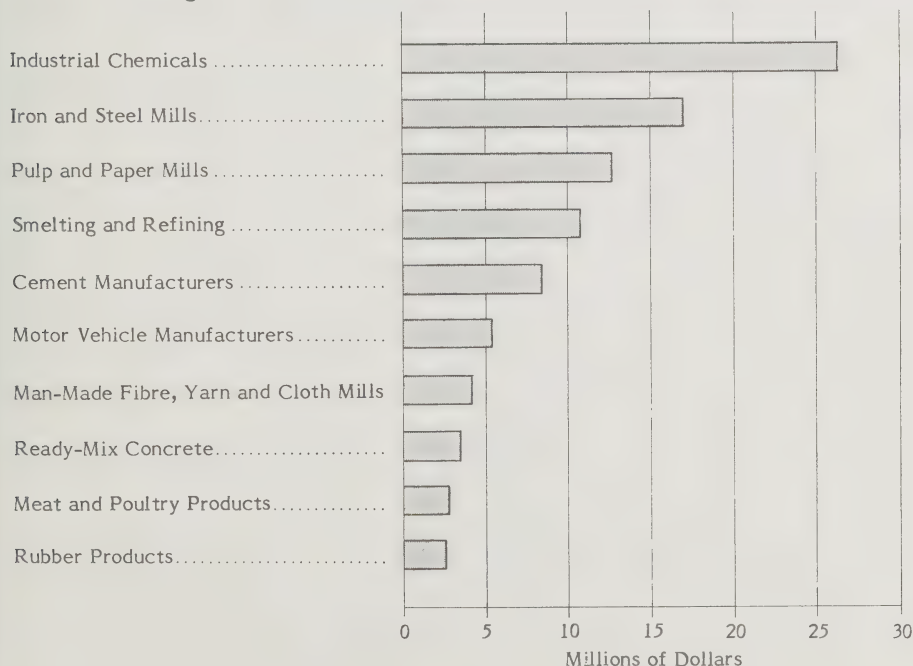


Table I

Light and Heavy Fuel Oil - Selected Large Users in Ontario 1975

SIC Code	Industry	Light Fuel Oil (Gal. 000)	Heavy Fuel Oil (Gal. 000)
378	Industrial Chemicals	2971	118010
291	Iron & Steel Mills	779	59675
271	Pulp & Paper Mills	821	47131
295	Smelting & Refining	3087	37000
352	Cement Manufacturers	244	34657
323	Motor Vehicle Manufacturers	503	21206
183	Man-made Fibre, Yarn & Cloth Mills	405	15109
355	Ready-Mix Concrete	2359	645
162	Rubber Products	2219	6920
379	Miscellaneous Chemicals	1467	5496
108	Miscellaneous Food Industries	722	6696

In this table, unlike all other tables in this publication, kerosene and diesel oil are not included in the figures for fuel oil.

Light and Heavy Fuel Oil - Selected Large Users in Ontario 1975

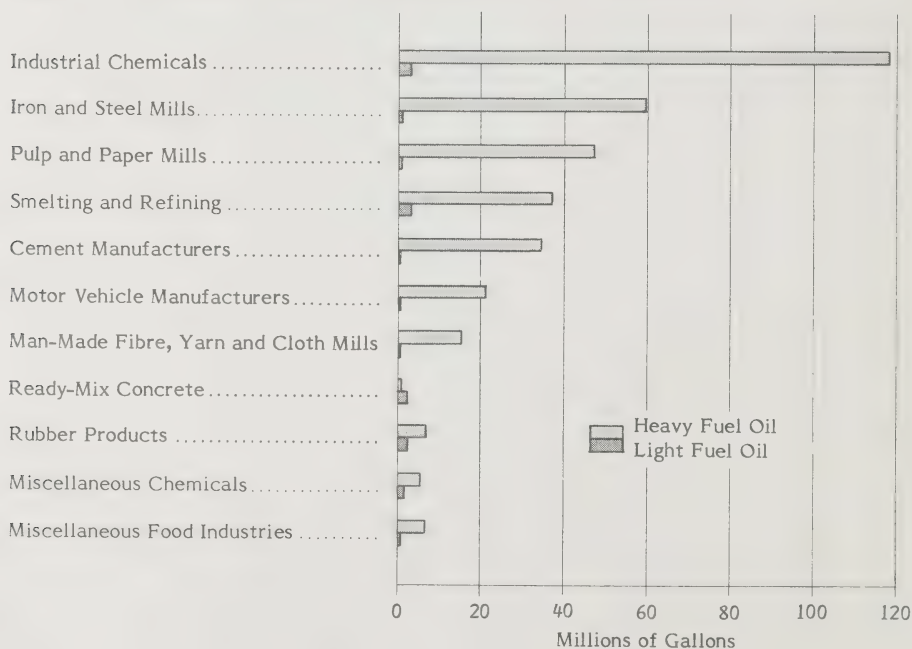


Table J

Gasoline - Ten Largest Users in Ontario 1975

<u>SIC Code</u>	<u>Industry</u>	<u>Amount Used (\$ Million)</u>	<u>Per Cent of Total Mfg. Use</u>
104	Dairy Products	3.4	9.7
101	Meat and Poultry Products	2.5	7.2
107	Bakery Products	2.2	6.3
323	Motor Vehicle Manufacturers	2.0	5.7
109	Beverage Industries	1.9	5.4
108	Miscellaneous Food Industries	1.4	3.9
106	Feed Industry	1.2	3.5
251	Sawmills, Planing Mills and Shingle Mills	1.1	3.2
354	Concrete Products	1.0	3.0
325	Motor Vehicle Parts and Accessories	0.9	2.6
	Total	17.6	50.5

A chart for the ten largest users of gasoline in Ontario for 1975 is given below:

Gasoline - Ten Largest Users in Ontario 1975



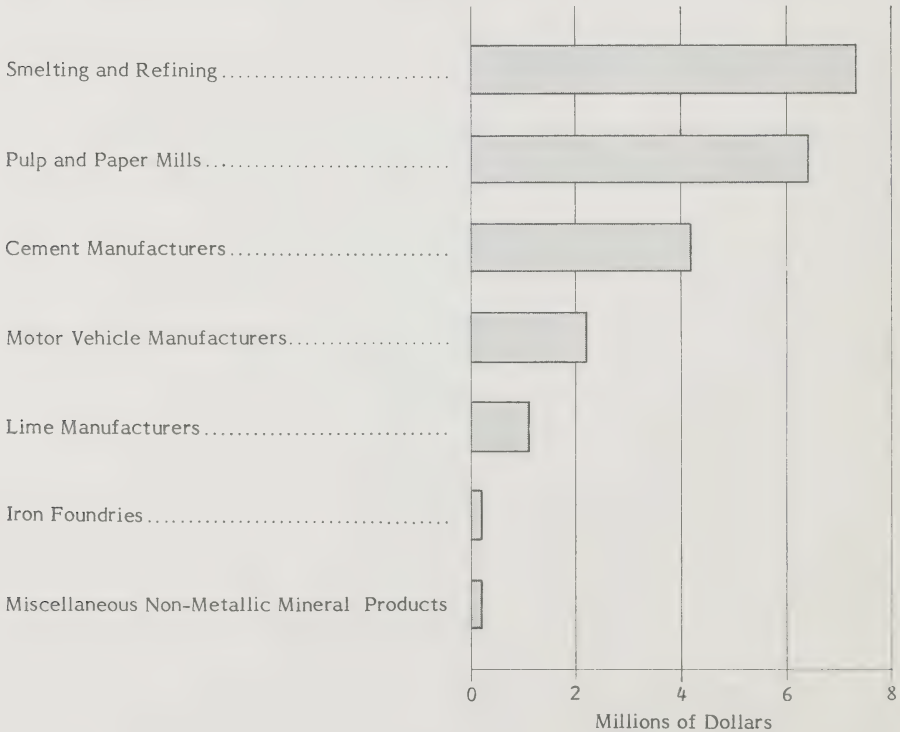
Table K

Coal - Seven Largest Users in Ontario 1975

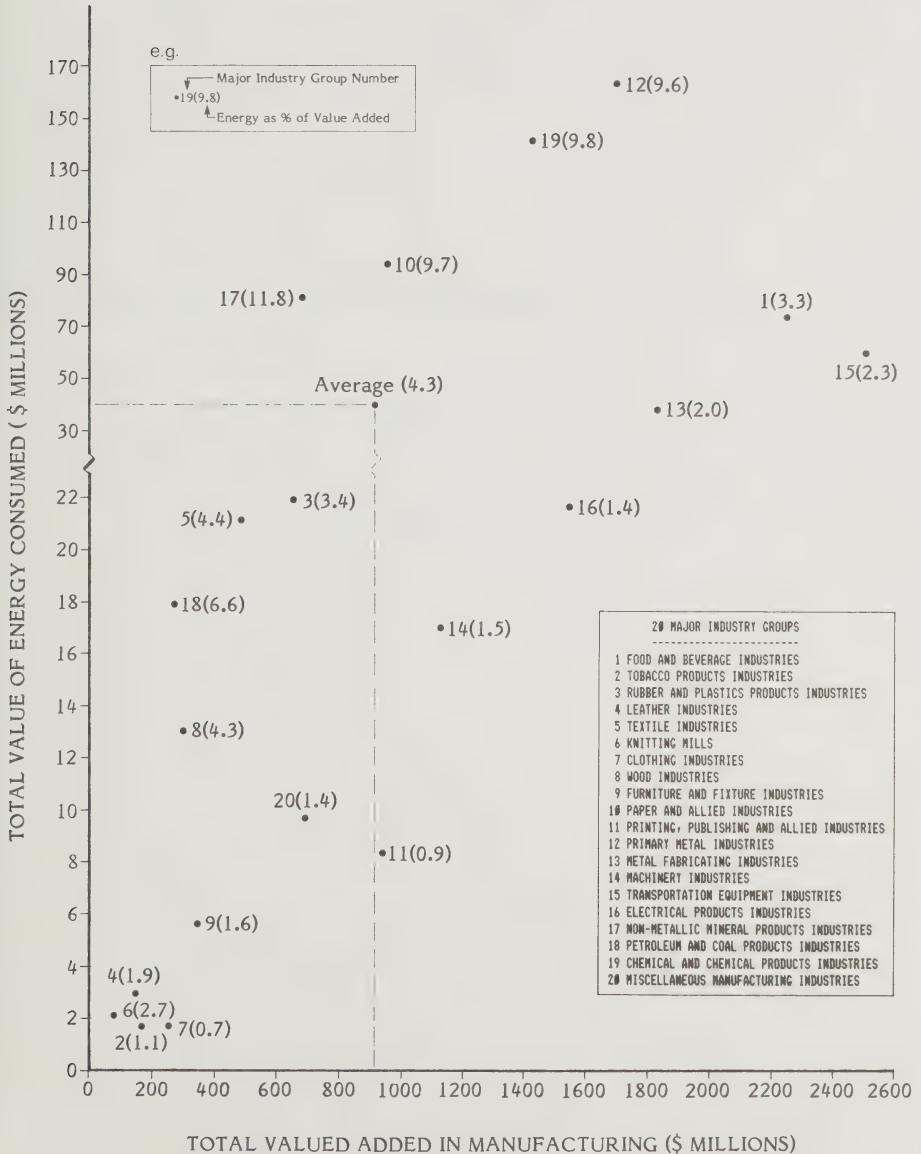
SIC Code	Industry	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
295	Smelting and Refining	7.3	32.9
271	Pulp and Paper Mills	6.4	30.0
352	Cement Manufacturers	4.2	19.2
323	Motor Vehicle Manufacturers	2.2	10.1
358	Lime Manufacturers	1.1	4.8
294	Iron Foundries	0.2	1.1
359	Miscellaneous Non-Metallic Mineral Products	0.2	0.9
	Total	21.6	99.0

A chart for the seven largest users of coal in Ontario for 1975 is given below:

Coal - Seven Largest Users in Ontario 1975



ENERGY CONSUMPTION VS VALUE ADDED FOR 20 MAJOR INDUSTRY GROUPS IN ONTARIO



ENERGY REQUIREMENTS DATA
by
Two Digit Major Group
and
Three Digit Industry Group

TABLE 1 DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1975

SIC MAJOR GP & INDUSTRY GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
	SHIPMENTS OF OWN MANUFACTURE	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1 FOOD & BEVERAGE IND.....	6,697,946	10.99	2.13	1.97	3.51	.01	3.15
101 MEAT & POULTRY PRODUCTS IND.....	1,577,435	7.65	1.73	1.60	2.02	.00	2.24
102 FISH PRODUCTS IND.....	20,398	10.44	2.62	1.34	3.79	.09	10.23
103 FRUIT & VEGETABLE PROCESSING IND.....	593,915	12.05	3.83	.63	3.65	.00	3.67
104 DAIRY PRODUCTS IND.....	900,558	12.31	2.68	3.70	2.36	.01	3.28
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	297,779	8.30	.68	.29	2.40	.01	4.88
106 FEED IND.....	431,297	10.45	2.20	2.89	1.90	.00	3.12
107 BAKERY PRODUCTS IND.....	468,146	14.71	2.06	4.70	4.31	.00	3.51
108 MISCELLANEOUS FOOD IND.....	1,534,216	10.92	1.49	.91	4.79	.01	3.15
109 BEVERAGE IND.....	874,201	14.05	2.72	2.18	5.75	.00	3.34
2 TOBACCO PRODUCTS IND.....	477,341	3.64	.83	.41	.46	.00	1.86
151 LEAF TOBACCO PROCESSORS.....	239,403	3.28	1.38	.11	.39	.00	1.29
153 TOBACCO PRODUCTS MFRS.....	237,937	4.01	.28	.70	.54	.00	2.43
3 RUBBER & PLASTICS PRODUCTS IND.....	1,300,001	16.00	2.71	.34	4.43	.00	8.34
162 RUBBER PRODUCTS IND.....	694,449	18.10	3.50	.19	5.46	.00	8.40
165 PLASTICS FABRICATING IND, N.E.S.....	606,352	15.32	1.82	.52	3.25	.00	8.28
4 LEATHER IND.....	311,931	9.23	2.11	.22	2.93	.00	3.89
172 LEATHER TANNERIES.....	79,146	21.93	6.46	.17	8.55	.00	6.55
174 SHOE FACTORIES.....	173,605	4.62	.65	.18	.87	.00	2.86
175 LEATHER GLOVE FACTORIES.....	6,973	5.39	.21	.17	2.33	.00	2.65

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1975

SIC MAJOR CP & INDUSTRY CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
	SHIPMENTS OF OWN MANUFACTURE	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	52,207	5.80	.65	.40	1.33	.00	3.40
5 TEXTILE IND.....	1,072,889	19.71	4.67	.51	5.54	.00	8.40
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL				
182 WOOL YARN & CLOTH MILLS.....	56,390	19.68	2.52	.32	7.74	.00	9.06
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	349,591	35.82	11.61	.09	8.74	.00	15.31
184 CORDAGE & TWINE IND.....	12,451	12.73	1.82	.00	.71	.00	10.21
185 FELT & FIBRE PROCESSING MILLS.....	27,033	10.75	4.10	1.53	5.94	.00	7.04
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	37,344	5.38	1.07	1.42	.93	.00	1.93
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	223,964	5.24	.76	.20	1.33	.00	2.50
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL				
6 KNITTING MILLS.....	157,286	13.57	3.10	.25	4.30	.00	5.13
231 HOSIERY MILLS.....	30,357	11.73	2.06	.32	4.04	.00	5.03
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	110,929	14.17	3.44	.23	4.38	.00	5.17
7 CLOTHING IND.....	481,919	3.58	.57	.31	.54	.00	2.02
243 MEN'S CLOTHING IND.....	237,956	4.09	.83	.31	.56	.00	2.14
244 WOMEN'S CLOTHING IND.....	155,916	2.20	.16	.18	.32	.00	1.40
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL				
246 FUR GOODS IND.....	21,733	1.91	.23	.47	.09	.00	1.12
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL				

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1975

SIC MAJOR GP & INDUSTRY GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
	SHIPMENTS OF OWN MANUFACTURE	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
249 MISCELLANEOUS CLOTHING IND.....							CONFIDENTIAL
8 WOOD IND.....	638,441	20.32	5.23	3.71	2.74	.04	7.69
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	180,044	32.19	11.23	6.17	1.90	.09	12.12
252 VENEER & PLYWOOD MILLS.....	46,875	28.29	5.59	2.58	8.46	.16	10.97
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	267,901	9.83	1.79	2.78	1.14	.01	3.98
256 WOODEN BOX FACTORIES.....	70,530	13.53	4.23	3.87	1.21	.00	3.71
258 COFFIN & CASKET IND.....	5,382	20.98	5.61	7.90	1.55	.16	5.68
259 MISCELLANEOUS WOOD IND.....	67,700	31.79	3.67	1.13	9.00	.00	12.63
9 FURNITURE & FIXTURE IND.....	676,100	8.40	1.55	.73	2.23	.01	3.79
261 HOUSEHOLD FURNITURE MFRS.....	351,283	8.46	1.79	.70	1.71	.02	4.03
264 OFFICE FURNITURE MFRS.....	104,540	8.98	.80	.09	3.60	.00	4.26
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	204,257	8.22	1.55	.99	2.45	.00	3.22
268 ELECTRIC LAMP & SHADE MFRS.....	16,093	5.63	1.11	.42	1.37	.00	2.74
10 PAPER & ALLIED IND.....	2,126,441	43.86	6.46	.46	15.78	3.04	17.46
271 PULP & PAPER MILLS.....	1,031,210	80.27	12.21	.20	29.05	6.20	31.50
272 ASPHALT ROOFING MFRS.....	28,860	27.69	5.46	.56	14.47	.00	7.03
273 PAPER BOX & BAG MFRS.....	575,004	9.02	.83	.89	2.74	.12	4.13
274 MISCELLANEOUS PAPER CONVERTERS.....	491,367	9.16	1.04	.50	3.26	.00	4.20
11 PRINTING, PUBLISHING & ALLIED IND.....	1,443,803	5.73	.44	.97	.99	.00	3.10
286 COMMERCIAL PRINTING.....	723,177	6.68	.63	.73	1.38	.00	3.60

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1975

SIC MAJOR CP & INDUSTRY CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
	SHIPMENTS OF OWN MANUFACTURE	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	82,151	6.89	.46	1.41	1.14	.00	3.68
288 PUBLISHING ONLY.....	167,992	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	470,482	6.12	.29	1.61	.72	.00	3.33
12 PRIMARY METAL IND.....	3,922,169	41.54	7.69	.31	13.65	1.97	16.32
291 IRON & STEEL MILLS.....	2,498,832	38.21	6.77	.21	13.78	.01	15.31
292 STEEL PIPE & TUBE MILLS.....	269,938	11.85	.89	.26	5.11	.00	5.51
294 IRON FOUNDRIES.....	284,957	30.83	2.01	.44	7.03	.81	18.57
295 SMELTING & REFINING.....	282,800	159.91	37.73	.59	44.09	25.71	51.55
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	227,172	17.79	3.01	.39	5.15	.00	8.91
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.					CONFIDENTIAL		
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...					CONFIDENTIAL		
13 METAL FABRICATING IND.....	3,658,764	10.23	1.01	.93	3.79	.00	4.19
301 BOILER & PLATE WORKS.....	233,490	5.98	1.16	.48	1.75	.00	2.49
302 FABRICATED STRUCTURAL METAL IND.....	359,813	8.35	1.20	1.90	1.91	.00	3.08
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	343,325	7.41	.88	1.55	1.92	.00	2.86
304 METAL STAMPING, PRESSING & COATING IND.....	931,821	10.75	.74	.84	4.63	.00	4.25
305 WIRE & WIRE PRODUCTS MFRS.....	506,817	11.98	.32	.29	5.23	.00	5.49
306 HARDWARE, TOOL & CUTLERY MFRS.....	382,940	10.03	.81	.83	2.85	.00	5.29
307 HEATING EQUIPMENT MFRS.....	111,066	9.20	.25	1.03	4.06	.00	3.63
308 MACHINE SHOPS.....	111,805	9.22	1.30	2.29	1.59	.01	3.95

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1975

SIC MAJOR GP & INDUSTRY GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
	SHIPMENTS OF OWN MANUFACTURE	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	677,687	12.57	1.99	.65	5.06	.00	4.51
14 MACHINERY IND.....	2,497,674	6.79	.62	.52	2.30	.00	3.22
311 AGRICULTURAL IMPLEMENTS IND.....	478,691	9.90	1.35	.54	3.91	.00	3.93
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	1,557,569	6.07	.52	.39	2.03	.01	2.97
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS....	125,303	5.16	.29	.44	2.22	.00	2.14
318 OFFICE & STORE MACHINERY MFRS.....	336,112	6.30	.18	1.09	1.26	.00	3.76
15 TRANSPORTATION EQUIPMENT IND.....	8,535,533	6.86	1.02	.41	1.72	.26	3.23
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	268,079	9.87	2.67	.26	1.60	.00	4.72
323 MOTOR VEHICLE MFRS.....	5,306,175	4.25	.99	.38	.85	.42	1.57
324 TRUCK BODY & TRAILER MFRS.....	227,766	7.63	.84	1.19	2.45	.00	2.94
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	2,272,987	12.58	.90	.40	3.62	.01	6.99
326 RAILROAD ROLLING STOCK IND.....	330,007	6.30	1.03	.23	2.30	.00	2.55
327 SHIPBUILDING & REPAIR.....	86,914	7.98	.77	.95	1.25	.01	4.92
328 BOATBUILDING & REPAIR.....					CONFIDENTIAL		
329 MISCELLANEOUS VEHICLE MFRS.....					CONFIDENTIAL		
16 ELECTRICAL PRODUCTS IND.....	3,089,772	7.00	.83	.18	2.01	.00	3.81
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	222,309	6.44	.46	.24	2.37	.00	3.35
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	352,431	9.10	1.07	.02	3.69	.00	3.93
333 MFRS OF LIGHTING FIXTURES.....	69,050	5.81	.32	.65	1.99	.00	2.80
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	236,707	2.56	.31	.02	.57	.00	1.51

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1975

SIC MAJOR CP & INDUSTRY CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
	SHIPMENTS OF OWN MANUFACTURE	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	826,362	4.68	.62	.15	.92	.00	2.95
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	703,300	8.56	1.34	.16	2.32	.00	4.37
338 MFRS OF ELECTRIC WIRE & CABLE.....	362,083	9.01	.66	.12	2.41	.00	5.65
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	317,530	8.95	.89	.51	2.62	.03	4.84
17 NON-METALLIC MINERAL PRODUCTS IND.....	1,216,249	66.22	13.86	1.96	27.70	4.52	17.40
351 CLAY PRODUCTS MFRS.....	87,132	75.30	5.94	1.98	52.29	.00	14.68
352 CEMENT MFRS.....	118,570	222.01	70.03	.30	69.57	35.69	46.17
353 STONE PRODUCTS MFRS.....	4,478	12.25	.81	4.31	2.68	.00	4.45
354 CONCRETE PRODUCTS MFRS.....	188,313	26.82	9.71	5.55	6.44	.00	4.64
355 READY MIX CONCRETE MFRS.....	200,378	25.16	16.72	3.95	1.44	.00	3.01
356 GLASS & GLASS PRODUCTS MFRS.....	290,442	48.60	.34	.29	34.74	.00	12.86
357 ABRASIVES MFRS.....	85,865	79.60	.96	.44	4.29	.00	73.87
358 LIME MFRS.....	22,232	316.26	22.75	1.17	221.32	47.81	23.21
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	210,839	43.54	9.88	.77	18.27	.93	10.59
18 PETROLEUM & COAL PRODUCTS IND.....	1,718,571	10.40	.35	.08	3.17	.00	6.24
365 PETROLEUM REFINERIES.....	1,700,144	9.97	.09	.04	3.05	.00	6.22
369 MISC PETROLEUM & COAL PRODUCTS IND.....	18,427	49.29	24.24	3.23	13.48	.00	8.16
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	3,067,590	45.83	10.28	.60	15.85	.00	12.29
372 MFRS OF MIXED FERTILIZERS.....	69,146	6.56	.34	2.78	.50	.00	2.53
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	195,006	22.11	5.81	.20	7.09	.00	7.66

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1975

SIC MAJOR GP & INDUSTRY GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
	SHIPMENTS OF OWN MANUFACTURE	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	355,699	7.11	.80	1.00	2.12	.00	3.10
375 PAINT & VARNISH MFRS.....	250,255	7.11	1.85	.57	1.47	.00	2.90
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	369,488	10.35	3.13	.20	2.97	.00	3.13
377 MFRS OF TOILET PREPARATIONS.....	125,405	5.33	1.50	.01	1.59	.00	2.16
378 MFRS OF INDUSTRIAL CHEMICALS.....	1,186,075	101.85	22.13	.51	36.41	.01	26.00
379 MISCELLANEOUS CHEMICAL IND.....	516,516	12.02	3.92	.85	3.11	.00	3.77
20 MISCELLANEOUS MANUFACTURING IND.....	1,331,521	7.31	1.10	.79	1.79	.00	3.53
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	491,591	6.59	1.69	.54	.88	.00	3.39
392 JEWELLERY & SILVERWARE IND.....	247,259	3.23	.18	.16	.97	.00	1.89
393 SPORTING GOODS & TOY IND.....	203,849	8.91	1.09	.88	2.60	.00	4.24
397 SIGNS & DISPLAYS IND.....	79,826	11.60	.76	4.12	2.48	.00	4.01
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	300,996	9.55	.99	.76	3.17	.00	4.40
ALL MANUFACTURING INDUSTRIES.....	44,422,806	17.82	3.16	.79	5.85	.50	6.64

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 2 DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED						
	VALUE ADDED IN MFG (\$000'S)	TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
1 FOOD & BEVERAGE IND.....	2,248,599	32.72	6.34	5.86	10.44	.03	9.37
101 MEAT & POULTRY PRODUCTS IND.....	339,806	35.50	8.05	7.44	9.38	.00	10.38
102 FISH PRODUCTS IND.....	7,930	47.43	6.74	3.44	9.74	.23	26.33
103 FRUIT & VEGETABLE PROCESSING IND.....	236,956	30.20	9.60	1.57	9.15	.19	9.20
104 DAIRY PRODUCTS IND.....	199,619	55.54	12.11	17.04	10.66	.04	14.80
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	97,804	25.26	2.07	.89	7.30	.04	14.87
106 FEED IND.....	94,879	47.48	10.02	13.14	8.62	.00	14.19
107 BAKERY PRODUCTS IND.....	243,861	28.23	3.96	9.03	8.27	.00	6.74
108 MISCELLANEOUS FOOD IND.....	519,794	32.24	4.41	2.67	14.13	.04	9.31
109 BEVERAGE IND.....	507,949	24.18	4.68	3.76	9.90	.00	5.75
2 TOBACCO PRODUCTS IND.....	163,675	10.62	2.43	1.18	1.36	.00	5.42
151 LEAF TOBACCO PROCESSORS.....	22,190	35.36	14.89	1.23	4.18	.00	13.96
153 TOBACCO PRODUCTS MFRS.....	141,485	6.74	.48	1.17	.91	.00	4.09
3 RUBBER & PLASTICS PRODUCTS IND.....	651,419	33.56	5.42	.68	8.85	.00	16.66
162 RUBBER PRODUCTS IND.....	362,240	34.70	6.70	.36	10.47	.00	16.10
165 PLASTICS FABRICATING IND, N.E.S.....	289,179	32.12	3.81	1.09	6.81	.00	17.37
4 LEATHER IND.....	149,199	19.29	4.42	.45	6.12	.00	8.12
172 LEATHER TANNERIES.....	34,379	50.49	14.87	.40	19.68	.00	15.09
174 SHOE FACTORIES.....	83,153	9.65	1.35	.39	1.81	.00	5.98
175 LEATHER GLOVE FACTORIES.....	3,493	10.76	.42	.33	4.65	.00	5.30

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED						
	VALUE ADDED IN MFC (\$000'S)	TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	28,174	10.74	1.21	.74	2.47	.00	6.31
5 TEXTILE IND.....	485,099	43.60	10.33	1.13	12.25	.00	18.75
101 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL			
102 WOOL YARN & CLOTH MILLS.....	31,200	35.57	4.55	.58	13.99	.00	16.38
103 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	160,069	78.24	25.36	.19	19.10	.00	33.44
104 CORDAGE & TWINE IND.....	6,759	23.46	3.35	.00	1.30	.00	18.00
105 FELT & FIBRE PROCESSING MILLS.....	12,141	41.75	9.31	3.40	13.22	.00	15.67
106 CARPET, MAT & RUG IND.....				CONFIDENTIAL			
107 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	16,505	12.17	2.41	3.21	2.10	.00	4.36
108 AUTOMOBILE FABRIC ACCESSORIES IND.....	100,400	11.68	1.69	.44	2.98	.00	5.75
109 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL			
6 KNITTING MILLS.....	79,185	26.96	6.16	.50	8.53	.00	10.20
231 HOSIERY MILLS.....	21,469	20.95	3.68	.57	7.22	.00	8.98
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	57,716	29.19	7.09	.48	9.02	.00	10.65
7 CLOTHING IND.....	253,261	6.81	1.09	.58	1.02	.00	3.84
243 MEN'S CLOTHING IND.....	125,793	7.74	1.56	.59	1.06	.00	4.05
244 WOMEN'S CLOTHING IND.....	82,074	4.14	.30	.35	.60	.00	2.78
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL			
246 FUR GOODS IND.....	9,321	4.44	.53	1.10	.21	.00	2.61
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL			

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
	VALUE ADDED IN MFG	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)
249 MISCELLANEOUS CLOTHING IND.....						
8 WOOD IND.....	300,512	43.18	11.12	7.88	5.83	.09
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	85,680	67.65	23.60	12.96	3.99	.19
252 VENEER & PLYWOOD MILLS.....	22,575	58.74	11.60	5.36	17.57	.32
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	124,174	21.21	3.86	6.01	2.45	.01
256 WOODEN BOX FACTORIES.....	32,968	28.94	9.05	8.27	2.60	.00
258 COFFIN & CASKET IND.....	3,216	35.11	9.40	13.22	2.60	.27
259 MISCELLANEOUS WOOD IND.....	31,899	67.48	7.80	2.40	19.28	.00
9 FURNITURE & FIXTURE IND.....	346,396	16.40	3.02	1.42	4.35	.02
261 HOUSEHOLD FURNITURE MFRS.....	176,184	16.88	3.56	1.55	3.41	.04
264 OFFICE FURNITURE MFRS.....	59,819	15.70	1.40	.15	6.43	.00
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	102,248	16.41	3.10	1.97	4.89	.00
268 ELECTRIC LAMP & SHADE MFRS.....	8,145	11.13	2.19	.82	2.71	.00
10 PAPER & ALLIED IND.....	958,517	97.30	14.33	1.02	35.00	6.74
271 PULP & PAPER MILLS.....	503,784	164.31	24.99	.40	59.46	12.69
272 ASPHALT ROOFING MFRS.....	11,963	66.81	13.18	1.36	34.91	.00
273 PAPER BOX & BAG MFRS.....	220,932	23.48	2.16	2.31	7.13	.32
274 MISCELLANEOUS PAPER CONVERTERS.....	221,838	20.29	2.31	1.11	7.23	.00
11 PRINTING, PUBLISHING & ALLIED IND.....	942,867	8.78	.67	1.49	1.51	.00
286 COMMERCIAL PRINTING.....	429,987	11.23	1.06	1.23	2.31	.00

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED						
	VALUE ADDED IN MFG	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	64,049	8.84	.59	1.81	1.46	.00	4.72
288 PUBLISHING ONLY.....	95,696	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	353,134	8.16	.39	2.14	.96	.00	4.43
12 PRIMARY METAL IND.....	1,699,613	95.85	17.75	.72	31.51	4.54	37.67
291 IRON & STEEL MILLS.....	1,085,833	87.92	15.58	.48	31.71	.02	35.24
292 STEEL PIPE & TUBE MILLS.....	77,156	41.45	3.12	.90	17.88	.00	19.29
294 IRON FOUNDRIES.....	159,481	55.08	3.60	.78	12.55	1.46	33.18
295 SMELTING & REFINING.....	182,146	248.27	58.58	.92	68.46	39.92	80.03
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	83,338	48.49	8.20	1.07	14.04	.00	24.27
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.				CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...				CONFIDENTIAL			
13 METAL FABRICATING IND.....	1,831,380	20.45	2.01	1.85	7.57	.00	8.38
301 BOILER & PLATE WORKS.....	126,101	11.07	2.16	.90	3.24	.00	4.61
302 FABRICATED STRUCTURAL METAL IND.....	199,680	15.04	2.16	3.42	3.45	.00	5.56
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	167,226	15.21	1.80	3.18	3.94	.00	5.88
304 METAL STAMPING, PRESSING & COATING IND.....	411,884	24.33	1.68	1.90	10.47	.00	9.62
305 WIRE & WIRE PRODUCTS MFRS.....	216,433	28.05	.74	.68	12.25	.00	12.86
306 HARDWARE, TOOL & CUTLERY MFRS.....	243,144	15.79	1.27	1.31	4.49	.00	8.33
307 HEATING EQUIPMENT MFRS.....	50,356	20.29	.56	2.27	8.96	.00	8.00
308 MACHINE SHOPS.....	76,378	13.49	1.90	3.35	2.33	.01	5.79

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1975

SIC MAJOR GP & IND GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED						
	VALUE ADDED IN MFG	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	340,178	25.04	3.97	1.30	10.08	.00	8.98
14 MACHINERY IND.....	1,125,249	15.07	1.38	1.14	5.10	.01	7.15
311 AGRICULTURAL IMPLEMENTS IND.....	204,844	23.15	3.15	1.25	9.13	.00	9.19
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	753,052	12.55	1.08	.81	4.21	.02	6.15
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	51,982	12.43	.70	1.07	5.34	.00	5.16
318 OFFICE & STORE MACHINERY MFRS.....	115,370	10.34	.52	3.19	3.68	.00	10.96
15 TRANSPORTATION EQUIPMENT IND.....	2,507,606	23.36	3.46	1.39	5.85	.90	10.98
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	178,216	14.85	4.02	.39	2.40	.00	7.10
323 MOTOR VEHICLE MFRS.....	1,058,652	21.29	4.98	1.91	4.27	2.10	7.88
324 TRUCK BODY & TRAILER MFRS.....	95,005	10.28	2.00	2.85	5.87	.00	7.05
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	983,273	29.09	2.09	.93	8.36	.03	16.16
326 RAILROAD ROLLING STOCK IND.....	121,070	17.23	2.81	.63	6.30	.00	6.96
327 SHIPBUILDING & REPAIR.....	53,548	12.96	1.26	1.54	2.03	.01	7.98
328 BOATBUILDING & REPAIR.....							
329 MISCELLANEOUS VEHICLE MFRS.....							
16 ELECTRICAL PRODUCTS IND.....	1,545,145	14.00	1.66	.36	4.01	.01	7.62
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	92,954	15.39	1.10	.58	5.66	.00	8.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	134,949	23.77	2.81	.06	9.64	.00	10.27
333 MFRS OF LIGHTING FIXTURES.....	30,385	13.21	.74	1.49	4.53	.00	6.36
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	88,602	6.84	.83	.05	1.52	.00	4.04

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1975

SIC MAJOR GP & IND GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED						
	VALUE ADDED IN MFG	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	506,654	7.63	1.01	.24	1.49	.00	4.81
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	403,731	14.91	2.33	.29	4.04	.00	7.61
338 MFRS OF ELECTRIC WIRE & CABLE.....	124,026	26.30	1.94	.36	7.04	.00	16.50
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	163,844	17.35	1.73	.99	5.09	.06	9.39
17 NON-METALLIC MINERAL PRODUCTS IND.....	600,280	118.39	24.78	3.50	49.53	8.00	31.11
351 CLAY PRODUCTS MFRS.....	60,797	107.91	8.52	2.84	74.94	.00	21.04
352 CEMENT MFRS.....	73,971	355.87	112.26	.48	111.51	57.21	74.02
353 STONE PRODUCTS MFRS.....	2,343	23.41	1.56	8.23	5.12	.00	8.50
354 CONCRETE PRODUCTS MFRS.....	109,899	45.95	16.64	9.50	11.04	.00	7.95
355 READY MIX CONCRETE MFRS.....	83,154	60.63	40.29	9.53	3.46	.00	7.24
356 GLASS & GLASS PRODUCTS MFRS.....	176,746	79.86	.56	.48	57.08	.00	21.14
357 ABRASIVES MFRS.....	37,220	183.64	2.20	1.01	9.90	.00	170.41
358 LIME MFRS.....	11,812	595.24	42.81	2.20	416.55	89.98	43.68
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	124,339	76.62	17.40	1.36	32.16	1.63	18.64
18 PETROLEUM & COAL PRODUCTS IND.....	271,751	65.74	2.19	.49	20.03	.00	39.49
365 PETROLEUM REFINERIES.....	264,127	64.20	.56	.28	19.66	.00	40.06
369 MISC PETROLEUM & COAL PRODUCTS IND.....	7,624	119.12	58.58	7.81	32.59	.00	19.73
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	1,427,231	98.50	22.09	1.30	34.07	.01	26.42
372 MFRS OF MIXED FERTILIZERS.....	16,964	26.74	1.40	11.34	2.05	.00	10.29
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	71,440	60.35	15.85	.56	19.36	.00	20.91

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED						
	VALUE ADDED IN MFG	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	237,221	10.66	1.20	1.50	3.17	.00	4.65
375 PAINT & VARNISH MFRS.....	112,551	15.82	4.11	1.27	3.26	.00	6.44
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	163,477	23.40	7.08	.46	6.72	.00	7.00
377 MFRS OF TOILET PREPARATIONS.....	78,862	8.48	2.38	.01	2.52	.00	3.44
378 MFRS OF INDUSTRIAL CHEMICALS.....	523,776	230.64	50.12	1.16	82.46	.03	58.87
379 MISCELLANEOUS CHEMICAL IND.....	222,941	27.85	9.08	1.96	7.20	.00	8.74
20 MISCELLANEOUS MANUFACTURING IND.....	690,826	14.09	2.12	1.52	3.44	.00	6.81
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	276,608	11.72	3.00	.97	1.57	.00	6.03
392 JEWELLERY & SILVERWARE IND.....	89,236	8.96	.50	.46	2.68	.00	5.25
393 SPORTING GOODS & TOY IND.....	107,800	16.84	2.06	1.67	4.92	.00	8.01
397 SIGNS & DISPLAYS IND.....	49,219	18.81	1.23	6.68	4.02	.00	6.51
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	167,962	17.56	1.81	1.40	5.82	.00	8.25
ALL MANUFACTURING INDUSTRIES.....	18,357,804	43.11	7.65	1.92	14.15	1.20	16.07

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1975

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
1 FOOD & BEVERAGE IND.....	9.30	10.16	37.39	9.04	7.14	10.17	15.00
101 MEAT & POULTRY PRODUCTS IND.....	1.52	1.95	7.18	1.23	1.20	1.80	3.55
102 FISH PRODUCTS IND.....	.05	.04	.08	.03	.07	.06	.05
103 FRUIT & VEGETABLE PROCESSING IND.....	.90	1.62	1.06	.84	.74	1.33	1.34
104 DAIRY PRODUCTS IND.....	1.40	1.72	9.66	.82	1.00	1.13	2.03
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	.31	.14	.25	.27	.49	.32	.67
106 FEED IND.....	.57	.68	3.54	.32	.46	.42	.97
107 BAKERY PRODUCTS IND.....	.87	.69	6.25	.78	.56	1.70	1.05
108 MISCELLANEOUS FOOD IND.....	2.12	1.63	3.94	2.83	1.64	1.96	3.45
109 BEVERAGE IND.....	1.55	1.69	5.42	1.94	.99	1.45	1.97
2 TOBACCO PRODUCTS IND.....	.22	.28	.55	.09	.30	.40	1.07
151 LEAF TOBACCO PROCESSORS.....	.10	.24	.08	.04	.11	.14	.54
153 TOBACCO PRODUCTS MFRS.....	.12	.05	.47	.05	.20	.27	.54
3 RUBBER & PLASTICS PRODUCTS IND.....	2.76	2.51	1.27	2.22	3.68	3.97	2.93
162 RUBBER PRODUCTS IND.....	1.59	1.73	.37	1.46	1.98	2.07	1.56
165 PLASTICS FABRICATING IND, N.E.S.....	1.17	.78	.90	.76	1.70	1.89	1.36
4 LEATHER IND.....	.36	.47	.19	.35	.41	1.49	.70
172 LEATHER TANNERIES.....	.22	.36	.04	.26	.18	.23	.18
174 SHOE FACTORIES.....	.10	.08	.09	.06	.17	.95	.39
175 LEATHER GLOVE FACTORIES.....	.00	.00	.00	.01	.01	.04	.02

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1975

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	.04	.02	.06	.03	.06	.27	.12
5 TEXTILE IND.....	2.67	3.57	1.56	2.29	3.08	3.57	2.42
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	.14	.10	.05	.17	.17	.28	.13
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	1.58	2.89	.09	1.18	1.81	1.09	.79
184 CORDAGE & TWINE IND.....	.02	.02	.00	.00	.04	.05	.03
185 FELT & FIBRE PROCESSING MILLS.....	.06	.08	.12	.06	.06	.10	.06
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	.03	.03	.15	.01	.02	.17	.08
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	.15	.12	.13	.12	.20	.56	.50
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL			
6 KNITTING MILLS.....	.27	.35	.11	.26	.27	.86	.35
231 HOSIERY MILLS.....	.06	.06	.03	.06	.07	.23	.09
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	.21	.29	.08	.20	.21	.64	.27
7 CLOTHING IND.....	.22	.20	.42	.10	.33	2.63	1.08
243 MEN'S CLOTHING IND.....	.12	.14	.21	.05	.17	1.38	.54
244 WOMEN'S CLOTHING IND.....	.04	.02	.08	.02	.08	.77	.35
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL			
246 FUR GOODS IND.....	.01	.00	.03	.00	.01	.07	.05
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL			

TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1975

SIC MAJOR CP & IND CP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL			
8 WOOD IND.....	1.64	2.38	6.73	.67	1.66	2.27	1.44
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	.73	1.44	3.15	.13	.74	.64	.41
252 VENEER & PLYWOOD MILLS.....	.17	.19	.34	.15	.17	.24	.11
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	.33	.34	2.12	.12	.36	.81	.60
256 WOODEN BOX FACTORIES.....	.12	.21	.77	.03	.09	.27	.16
258 COFFIN & CASKET IND.....	.01	.02	.12	.00	.01	.03	.01
259 MISCELLANEOUS WOOD IND.....	.27	.18	.22	.24	.29	.26	.15
9 FURNITURE & FIXTURE IND.....	.72	.75	1.39	.58	.87	2.81	1.52
261 HOUSEHOLD FURNITURE MFRS.....	.38	.45	.77	.23	.48	1.60	.79
264 OFFICE FURNITURE MFRS.....	.12	.06	.03	.15	.15	.36	.24
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	.21	.23	.57	.19	.22	.76	.46
268 ELECTRIC LAMP & SHADE MFRS.....	.01	.01	.02	.01	.01	.08	.04
10 PAPER & ALLIED IND.....	11.78	9.78	2.77	12.92	12.58	5.31	4.79
271 PULP & PAPER MILLS.....	10.46	8.96	.58	11.54	11.01	2.46	2.32
272 ASPHALT ROOFING MFRS.....	.10	.11	.05	.16	.07	.04	.06
273 PAPER BOX & BAG MFRS.....	.66	.34	1.45	.61	.80	1.45	1.29
274 MISCELLANEOUS PAPER CONVERTERS.....	.57	.37	.70	.62	.70	1.36	1.11
11 PRINTING, PUBLISHING & ALLIED IND.....	1.05	.45	3.98	.55	1.51	5.58	3.25
286 COMMERCIAL PRINTING.....	.61	.33	1.50	.38	.88	2.71	1.63

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1975

SIC MAJOR CP & IND CP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	.07	.03	.33	.04	.10	.41	.18
288 PUBLISHING ONLY.....	.00	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	.36	.10	2.15	.13	.53	1.84	1.06
12 PRIMARY METAL IND.....	20.58	21.48	3.48	20.62	21.70	8.26	8.83
291 IRON & STEEL MILLS.....	12.06	12.05	1.49	13.26	12.97	4.78	5.63
292 STEEL PIPE & TUBE MILLS.....	.40	.17	.20	.53	.50	.37	.61
294 IRON FOUNDRIES.....	1.11	.41	.35	.77	1.79	.89	.64
295 SMELTING & REFINING.....	5.71	7.60	.48	4.80	4.94	1.16	.64
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	.51	.49	.25	.45	.69	.43	.51
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING. .	CONFIDENTIAL						
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...	CONFIDENTIAL						
13 METAL FABRICATING IND.....	4.73	2.63	9.62	5.34	5.20	10.17	8.24
301 BOILER & PLATE WORKS.....	.18	.19	.32	.16	.20	.65	.53
302 FABRICATED STRUCTURAL METAL IND.....	.38	.31	1.94	.27	.38	.96	.81
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	.32	.21	1.51	.25	.33	.81	.77
304 METAL STAMPING, PRESSING & COATING IND.....	1.27	.49	2.23	1.66	1.34	2.23	2.10
305 WIRE & WIRE PRODUCTS MFRS.....	.77	.11	.42	1.02	.94	1.22	1.14
306 HARDWARE, TOOL & CUTLERY MFRS.....	.49	.22	.91	.42	.69	1.61	.86
307 HEATING EQUIPMENT MFRS.....	.13	.02	.32	.17	.14	.35	.25
308 MACHINE SHOPS.....	.13	.10	.73	.07	.15	.49	.25

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1975

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
309 MISCELLANEOUS METAL FABRICATING IND.....	1.08	.96	1.26	1.32	1.04	1.84	1.53
14 MACHINERY IND.....	2.14	1.11	3.66	2.21	2.73	6.62	5.62
311 AGRICULTURAL IMPLEMENTS IND.....	.60	.46	.73	.72	.64	1.24	1.00
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	1.19	.58	1.73	1.22	1.57	4.28	3.51
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	.08	.03	.16	.11	.09	.28	.28
318 OFFICE & STORE MACHINERY MFRS.....	.27	.04	1.04	.16	.43	.82	.76
15 TRANSPORTATION EQUIPMENT IND.....	7.40	6.17	9.91	5.65	9.34	11.84	19.21
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	.33	.51	.20	.16	.43	1.05	.60
323 MOTOR VEHICLE MFRS.....	2.85	3.75	5.74	1.74	2.83	4.45	11.94
324 TRUCK BODY & TRAILER MFRS.....	.22	.14	.77	.21	.23	.59	.51
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	3.61	1.46	2.60	3.17	5.38	4.81	5.12
326 RAILROAD ROLLING STOCK IND.....	.26	.24	.22	.29	.29	.51	.74
327 SHIPBUILDING & REPAIR.....	.09	.05	.23	.04	.14	.27	.20
328 BOATBUILDING & REPAIR.....				CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MFRS.....				CONFIDENTIAL			
16 ELECTRICAL PRODUCTS IND.....	2.73	1.82	1.58	2.39	3.99	9.77	6.96
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	.18	.07	.15	.20	.25	.72	.50
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	.41	.27	.02	.50	.47	.92	.79
333 MFRS OF LIGHTING FIXTURES.....	.05	.02	.13	.05	.07	.18	.16
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	.08	.05	.01	.05	.12	.66	.53

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1975

SIC MAJOR CP & IND CP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
335 COMMUNICATIONS EQUIPMENT MFRS.....	.49	.37	.35	.29	.83	2.90	1.86
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	.76	.67	.33	.63	1.04	2.62	1.58
338 MFRS OF ELECTRIC WIRE & CABLE.....	.41	.17	.13	.34	.69	.63	.82
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	.36	.20	.46	.32	.52	1.15	.71
17 NON-METALLIC MINERAL PRODUCTS IND.....	10.18	12.00	6.76	12.98	7.17	3.25	2.74
351 CLAY PRODUCTS MFRS.....	.83	.37	.49	1.75	.43	.35	.20
352 CEMENT MFRS.....	3.33	5.91	.10	3.18	1.86	.15	.27
353 STONE PRODUCTS MFRS.....	.01	.00	.05	.00	.01	.02	.01
354 CONCRETE PRODUCTS MFRS.....	.64	1.30	2.97	.47	.30	.56	.42
355 READY MIX CONCRETE MFRS.....	.64	2.39	2.25	.11	.20	.36	.45
356 GLASS & GLASS PRODUCTS MFRS.....	1.78	.07	.24	3.89	1.27	.90	.65
357 ABRASIVES MFRS.....	.86	.06	.11	.14	2.15	.22	.19
358 LIME MFRS.....	.89	.36	.07	1.89	.17	.04	.05
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1.20	1.54	.48	1.54	.79	.64	.49
18 PETROLEUM & COAL PRODUCTS IND.....	2.26	.42	.38	2.10	3.64	1.09	3.87
365 PETROLEUM REFINERIES.....	2.14	.11	.21	2.00	3.59	1.06	3.83
369 MISC PETROLEUM & COAL PRODUCTS IND.....	.11	.32	.17	.10	.05	.03	.04
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	17.76	22.45	5.26	18.73	12.78	5.22	6.91
372 MFRS OF MIXED FERTILIZERS.....	.06	.02	.55	.01	.06	.07	.16
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	.54	.81	.11	.53	.51	.25	.44

TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1975

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	.32	.20	1.01	.29	.37	.92	.80
375 PAINT & VARNISH MFRS.....	.22	.33	.41	.14	.25	.51	.56
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	.48	.02	.21	.42	.39	.61	.83
377 MFRS OF TOILET PREPARATIONS.....	.08	.13	.00	.08	.09	.38	.28
378 MFRS OF INDUSTRIAL CHEMICALS.....	15.26	10.69	1.72	16.63	10.45	1.53	2.67
379 MISCELLANEOUS CHEMICAL IND.....	.78	1.44	1.24	.62	.66	.96	1.16
20 MISCELLANEOUS MANUFACTURING IND.....	1.23	1.04	2.98	.92	1.60	4.72	3.00
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	.41	.59	.76	.17	.57	1.73	1.11
392 JEWELLERY & SILVERWARE IND.....	.10	.03	.12	.09	.16	.59	.56
393 SPORTING GOODS & TOY IND.....	.23	.16	.51	.20	.29	.81	.46
397 SIGNS & DISPLAYS IND.....	.12	.04	.93	.08	.11	.40	.18
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	.37	.22	.67	.38	.47	1.20	.70
ALL MANUFACTURING INDUSTRIES.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 4

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED						
	NUMBER OF EMPLOYEES	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1 FOOD & BEVERAGE IND.....	86,508	850.58	164.90	152.19	271.48	.89	243.59
101 MEAT & POULTRY PRODUCTS IND.....	15,337	786.64	178.37	164.89	207.79	.00	229.96
102 FISH PRODUCTS IND.....	532	707.04	100.40	51.35	145.18	3.48	392.41
103 FRUIT & VEGETABLE PROCESSING IND.....	11,309	632.84	201.12	32.97	191.82	3.99	192.81
104 DAIRY PRODUCTS IND.....	9,600	1,154.86	251.87	354.36	221.76	.73	307.67
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	2,704	913.60	75.04	32.13	264.08	1.51	537.88
106 FEED IND.....	3,578	1,259.11	265.61	348.53	228.70	.00	376.21
107 BAKERY PRODUCTS IND.....	14,439	476.80	66.86	152.52	139.65	.00	113.87
108 MISCELLANEOUS FOOD IND.....	16,688	1,004.13	137.25	83.24	440.10	1.13	290.00
109 BEVERAGE IND.....	12,321	996.75	192.73	154.99	408.25	.00	236.87
2 TOBACCO PRODUCTS IND.....	3,416	509.00	116.52	56.59	64.93	.00	259.90
151 LEAF TOBACCO PROCESSORS.....	1,160	676.35	284.86	23.53	79.97	.00	267.11
153 TOBACCO PRODUCTS MFRS.....	2,256	422.96	29.95	73.59	57.20	.00	256.19
3 RUBBER & PLASTICS PRODUCTS IND.....	33,723	648.18	104.61	13.22	170.86	.00	321.88
162 RUBBER PRODUCTS IND.....	17,625	713.25	137.72	7.41	215.14	.00	330.93
165 PLASTICS FABRICATING IND, N.E.S.....	16,098	576.93	68.37	19.59	122.38	.00	311.96
4 LEATHER IND.....	12,631	227.91	52.22	5.35	72.27	.00	95.95
172 LEATHER TANNERIES.....	1,983	875.37	257.85	6.85	341.16	.00	261.54
174 SHOE FACTORIES.....	8,054	99.65	13.99	3.98	18.69	.00	61.72
175 LEATHER GLOVE FACTORIES.....	337	111.56	4.33	3.44	48.19	.00	54.91

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED						
	NUMBER OF EMPLOYEES	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	2,257	134.11	15.12	9.21	30.82	.00	78.71
5 TEXTILE IND.....	30,330	697.30	165.26	18.10	195.95	.00	299.95
181 COTTON YARN & CLOTH MILLS.....							
182 WOOL YARN & CLOTH MILLS.....	2,354	471.42	60.36	7.63	185.46	.00	217.10
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	9,252	1,353.63	438.73	3.32	330.42	.00	578.52
184 CORDAGE & TWINE IND.....	406	390.52	55.81	.00	21.70	.00	313.02
185 FELT & FIBRE PROCESSING MILLS.....	825	614.47	137.01	50.07	194.58	.00	230.66
186 CARPET, MAT & RUG IND.....							
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	1,414	142.05	28.17	37.46	24.49	.00	50.92
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	4,750	246.96	35.63	9.36	62.89	.00	121.58
189 MISCELLANEOUS TEXTILE IND.....							
6 KNITTING MILLS.....	7,349	290.48	66.40	5.43	91.95	.00	109.87
231 HOSIERY MILLS.....	1,935	232.44	40.85	6.34	80.11	.00	99.65
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	5,414	311.23	75.53	5.10	96.19	.00	113.52
7 CLOTHING IND.....	22,360	77.14	12.31	6.58	11.57	.00	43.54
243 MEN'S CLOTHING IND.....	11,767	82.71	16.73	6.35	11.37	.00	43.29
244 WOMEN'S CLOTHING IND.....	6,538	52.49	3.75	4.39	7.57	.00	35.30
245 CHILDREN'S CLOTHING IND.....							
246 FUR GOODS IND.....	563	73.57	8.76	18.16	3.47	.00	43.19
248 FOUNDATION GARMENT IND.....							

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1975

SIC MAJOR GP & IND GP	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
	NUMBER OF EMPLOYEES	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
249 MISCELLANEOUS CLOTHING IND.....						
8 WOOD IND.....	19,284	672.86	173.24	122.85	90.82	1.35 254.55
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	5,444	1,064.68	371.36	203.99	62.72	3.00 400.85
252 VENEER & PLYWOOD MILLS.....	2,078	638.10	126.00	58.24	190.89	3.52 247.35
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	6,928	380.15	69.25	107.66	43.94	.21 153.82
256 WOODEN BOX FACTORIES.....	2,338	408.07	127.65	116.62	36.60	.00 111.77
258 COFFIN & CASKET IND.....	264	427.72	114.46	160.99	31.69	3.25 115.79
259 MISCELLANEOUS WOOD IND.....	2,232	964.45	111.45	34.26	275.48	.00 383.08
9 FURNITURE & FIXTURE IND.....	23,890	237.79	43.81	20.52	63.06	.31 107.23
261 HOUSEHOLD FURNITURE MFRS.....	13,628	218.17	46.05	20.00	44.03	.54 103.75
264 OFFICE FURNITURE MFRS.....	3,079	304.93	27.21	2.98	124.84	.00 144.74
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	6,489	258.59	48.91	31.10	77.04	.00 101.41
268 ELECTRIC LAMP & SHADE MFRS.....	694	130.65	25.68	9.64	31.86	.00 63.47
10 PAPER & ALLIED IND.....	45,178	2,064.31	304.04	21.58	742.66	143.10 821.70
271 PULP & PAPER MILLS.....	20,912	3,958.26	601.92	9.71	1,432.52	305.73 1,553.31
272 ASPHALT ROOFING MFRS.....	334	2,392.86	471.95	48.55	1,250.40	.00 607.60
273 PAPER BOX & BAG MFRS.....	12,370	419.30	38.61	41.19	127.29	5.76 191.04
274 MISCELLANEOUS PAPER CONVERTERS.....	11,562	389.23	44.41	21.28	138.63	.00 178.50
11 PRINTING, PUBLISHING & ALLIED IND.....	47,429	174.47	13.31	29.56	30.10	.01 94.23
286 COMMERCIAL PRINTING.....	23,067	209.34	19.81	22.94	43.13	.00 112.77

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED						
	NUMBER OF EMPLOYEES	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	3,515	161.07	10.70	32.96	26.61	.00	86.08
288 PUBLISHING ONLY.....	5,212	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	15,635	184.19	8.73	48.42	21.69	.03	100.11
12 PRIMARY METAL IND.....	70,254	2,318.93	429.31	17.43	762.33	109.85	911.38
291 IRON & STEEL MILLS.....	40,687	2,351.06	416.62	12.89	847.87	.53	942.19
292 STEEL PIPE & TUBE MILLS.....	3,110	1,028.37	77.37	22.40	443.71	.00	478.67
294 IRON FOUNDRIES.....	7,527	1,167.01	76.23	16.59	265.96	30.83	702.96
295 SMELTING & REFINING.....	9,830	4,600.39	1,085.49	17.08	1,268.53	739.62	1,482.92
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	3,621	1,115.91	188.72	24.61	323.11	.00	558.69
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.				CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...				CONFIDENTIAL			
13 METAL FABRICATING IND.....	86,457	433.10	42.67	39.20	160.42	.03	177.51
301 BOILER & PLATE WORKS.....	5,518	252.97	49.27	20.50	74.13	.00	105.36
302 FABRICATED STRUCTURAL METAL IND.....	8,191	366.76	52.56	83.34	84.03	.00	135.48
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	6,859	370.95	43.95	77.52	96.12	.00	143.41
304 METAL STAMPING, PRESSING & COATING IND.....	18,945	528.88	36.58	41.36	227.66	.00	209.13
305 WIRE & WIRE PRODUCTS MFRS.....	10,400	583.30	15.47	14.05	254.73	.00	267.42
306 HARDWARE, TOOL & CUTLERY MFRS.....	13,708	280.08	22.52	23.31	79.62	.00	147.75
307 HEATING EQUIPMENT MFRS.....	2,937	347.86	9.61	38.95	153.69	.00	137.22
308 MACHINE SHOPS.....	4,206	245.04	34.46	60.75	42.29	.20	105.07

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED						
	NUMBER OF EMPLOYEES	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	15,685	543.05	86.02	28.19	218.56	.10	194.86
14 MACHINERY IND.....	56,260	301.37	27.65	22.88	102.04	.21	143.05
311 AGRICULTURAL IMPLEMENTS IND.....	10,555	449.20	61.17	24.29	177.19	.00	178.35
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	36,374	259.83	22.37	16.70	87.11	.32	127.39
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS....	2,367	273.05	15.46	23.42	117.32	.00	113.29
318 OFFICE & STORE MACHINERY MFRS.....	6,964	303.90	8.57	52.81	60.96	.00	181.49
15 TRANSPORTATION EQUIPMENT IND.....	100,695	581.72	86.04	34.67	145.69	22.34	273.50
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	8,895	297.54	80.55	7.90	48.08	.00	142.17
323 MOTOR VEHICLE MFRS.....	37,870	595.11	139.20	53.37	119.44	58.61	220.38
324 TRUCK BODY & TRAILER MFRS.....	5,014	346.45	37.95	54.05	111.19	.00	133.59
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	40,921	698.90	50.17	22.36	200.91	.71	388.18
326 RAILROAD ROLLING STOCK IND.....	4,350	479.41	78.27	17.50	175.21	.11	193.82
327 SHIPBUILDING & REPAIR.....	2,311	300.19	29.10	35.72	46.96	.19	184.89
328 BOATBUILDING & REPAIR.....					CONFIDENTIAL		
329 MISCELLANEOUS VEHICLE MFRS.....					CONFIDENTIAL		
16 ELECTRICAL PRODUCTS IND.....	83,065	260.43	30.79	6.71	74.59	.13	141.79
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	6,087	235.04	16.86	8.86	86.49	.00	122.22
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	7,848	408.65	48.27	1.04	165.73	.00	176.56
333 MFRS OF LIGHTING FIXTURES.....	1,543	260.15	14.52	29.29	89.21	.00	125.28
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	5,633	107.57	13.10	.79	23.94	.00	63.60

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1975

SIC MAJOR CP & IND CP	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED						
	NUMBER OF EMPLOYEES	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	24,641	156.89	20.87	5.02	30.69	.00	98.97
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	22,248	270.48	42.32	5.18	73.40	.04	130.13
338 MFRS OF ELECTRIC WIRE & CABLE.....	5,324	612.69	45.23	8.41	164.09	.00	384.42
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	9,741	291.77	29.09	16.68	85.56	1.03	157.92
17 NON-METALLIC MINERAL PRODUCTS IND.....	27,618	2,916.19	610.27	86.24	1,219.99	199.05	766.23
351 CLAY PRODUCTS MFRS.....	2,986	2,197.20	173.42	57.89	1,525.83	.00	428.39
352 CEMENT MFRS.....	1,310	20,094.58	6,338.71	27.24	6,296.70	3,230.19	4,179.36
353 STONE PRODUCTS MFRS.....	176	311.65	20.70	109.55	68.20	.00	113.20
354 CONCRETE PRODUCTS MFRS.....	4,736	1,066.29	386.24	220.52	256.09	.00	184.44
355 READY MIX CONCRETE MFRS.....	3,086	1,633.77	1,085.55	256.71	93.18	.00	195.13
356 GLASS & GLASS PRODUCTS MFRS.....	7,660	1,842.63	12.96	11.13	1,317.08	.00	487.73
357 ABRASIVES MFRS.....	1,891	3,614.52	43.38	19.92	194.82	.00	3,354.11
358 LIME MFRS.....	349	20,145.89	1,449.07	74.57	14,098.28	3,045.27	1,478.49
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	5,424	1,756.53	398.80	31.06	737.26	37.42	427.24
18 PETROLEUM & COAL PRODUCTS IND.....	9,269	1,927.52	64.23	14.47	587.13	.00	1,157.86
365 PETROLEUM REFINERIES.....	9,054	1,072.99	16.43	8.24	573.63	.00	1,168.74
369 MISC PETROLEUM & COAL PRODUCTS IND.....	215	4,224.07	2,077.21	277.00	1,155.73	.00	699.46
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	44,405	3,165.81	709.97	41.72	1,095.10	.34	849.17
372 MFRS OF MIXED FERTILIZERS.....	599	757.25	39.73	321.01	58.13	.00	291.50
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	2,100	2,052.90	539.12	18.95	658.46	.00	711.27

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1975

SIC MAJOR CP & IND CP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	7,819	323.40	36.38	45.58	96.29	.00	141.10
375 PAINT & VARNISH MFRS.....	4,359	408.39	106.23	32.81	84.18	.00	166.21
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	5,195	736.27	222.72	14.50	211.40	.00	222.65
377 MFRS OF TOILET PREPARATIONS.....	3,216	207.92	58.36	.32	61.86	.00	84.33
378 MFRS OF INDUSTRIAL CHEMICALS.....	12,990	9,299.69	2,021.05	46.73	3,324.74	1.15	2,373.75
379 MISCELLANEOUS CHEMICAL IND.....	8,127	763.85	249.12	53.87	197.50	.00	239.73
20 MISCELLANEOUS MANUFACTURING IND.....	40,170	242.26	36.40	26.17	59.21	.00	117.17
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	14,670	220.94	56.65	10.20	29.54	.00	113.76
392 JEWELLERY & SILVERWARE IND.....	5,026	159.00	8.81	8.10	47.54	.00	93.20
393 SPORTING GOODS & TOY IND.....	6,845	265.24	32.43	26.30	77.41	.00	126.16
397 SIGNS & DISPLAYS IND.....	3,392	272.92	17.79	96.94	50.36	.00	94.47
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	10,237	208.12	29.74	22.91	95.56	.00	135.32
ALL MANUFACTURING INDUSTRIES.....	850,291	930.85	165.17	41.41	305.39	25.97	346.96

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 5

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP 1975

SIC MAJOR GP & IND GP	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)						
	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	LIQUID PETROLEUM GAS	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(%)	(%)	(%)	(%)	(%)	(%)
1 FOOD & BEVERAGE IND.....	73,582	19.39	17.89	.79	31.92	.10	28.64
101 MEAT & POULTRY PRODUCTS IND.....	12,065	22.67	20.96	.22	26.41	.00	29.23
102 FISH PRODUCTS IND.....	376	14.20	7.26	2.01	20.53	.49	55.50
103 FRUIT & VEGETABLE PROCESSING IND.....	7,157	31.78	5.21	1.60	30.31	.63	30.47
104 DAIRY PRODUCTS IND.....	11,087	21.81	30.68	1.60	19.20	.06	26.64
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	2,470	8.21	3.52	.32	28.91	.17	58.88
106 FEED IND.....	4,505	21.10	27.68	1.71	18.16	.00	29.88
107 BAKERY PRODUCTS IND.....	6,885	14.02	31.99	.82	29.29	.00	23.88
108 MISCELLANEOUS FOOD IND.....	16,757	13.67	8.29	.38	43.83	.11	28.88
109 BEVERAGE IND.....	12,281	19.34	15.55	.39	40.96	.00	23.76
2 TOBACCO PRODUCTS IND.....	1,739	22.89	11.12	1.39	12.76	.00	51.06
151 LEAF TOBACCO PROCESSORS.....	785	42.12	3.48	3.09	11.82	.00	39.49
153 TOBACCO PRODUCTS MFRS.....	954	7.08	17.40	.00	13.52	.00	60.57
3 RUBBER & PLASTICS PRODUCTS IND.....	21,858	16.14	2.04	.59	26.36	.00	49.66
162 RUBBER PRODUCTS IND.....	12,571	19.31	1.04	.61	30.16	.00	46.40
165 PLASTICS FABRICATING IND, N.E.S.....	9,287	11.85	3.40	.55	21.21	.00	54.07
4 LEATHER IND.....	2,879	22.91	2.35	.93	31.71	.00	42.10
172 LEATHER TANNERIES.....	1,736	29.46	.78	.91	38.97	.00	29.88
174 SHOE FACTORIES.....	803	14.04	3.99	1.28	18.75	.00	61.94
175 LEATHER GLOVE FACTORIES.....	38	3.88	3.08	.63	43.19	.00	49.22

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP 1975

SIC MAJOR GP & IND GP	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)						
	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	LIQUID PETROLEUM GAS	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(%)	(%)	(%)	(%)	(%)	(%)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	303	11.27	6.86	.20	22.98	.00	50.69
5 TEXTILE IND.....	21,149	23.70	2.60	.43	28.10	.00	43.02
181 COTTON YARN & CLOTH MILLS.....	CONFIDENTIAL						
182 WOOL YARN & CLOTH MILLS.....	1,110	12.00	1.62	.18	39.34	.00	46.05
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	12,524	32.41	.25	.20	24.41	.00	42.74
184 CORDAGE & TWINE IND.....	159	14.29	.00	.00	5.56	.00	80.15
185 FELT & FIBRE PROCESSING MILLS.....	507	22.30	8.15	.35	31.67	.00	37.54
186 CARPET, MAT & RUG IND.....	CONFIDENTIAL						
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	201	19.83	26.37	.71	17.24	.00	35.85
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	1,173	14.43	3.79	1.72	25.47	.00	49.23
189 MISCELLANEOUS TEXTILE IND.....	CONFIDENTIAL						
6 KNITTING MILLS.....	2,135	22.86	1.87	.20	31.65	.00	37.82
231 HOSIERY MILLS.....	450	17.58	2.73	.00	34.46	.00	42.87
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	1,685	24.27	1.64	.26	30.90	.00	36.48
7 CLOTHING IND.....	1,725	15.96	8.53	.33	14.99	.00	56.44
243 MEN'S CLOTHING IND.....	973	20.23	7.68	.00	13.74	.00	52.35
244 WOMEN'S CLOTHING IND.....	343	7.14	8.36	1.67	14.42	.00	67.25
245 CHILDREN'S CLOTHING IND.....	CONFIDENTIAL						
246 FUR GOODS IND.....	41	11.90	24.68	.00	4.71	.00	58.71
248 FOUNDATION GARMENT IND.....	CONFIDENTIAL						

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP 1975

SIC MAJOR GP & IND GP	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)						
	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	LIQUID PETROLEUM GAS	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(%)	(%)	(%)	(%)	(%)	(%)
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL			
8 WOOD IND.....	12,975	25.75	18.26	2.83	13.50	.20	37.83
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	5,796	34.88	19.16	.69	5.89	.28	37.65
252 VENEER & PLYWOOD MILLS.....	1,326	19.75	9.13	1.15	29.92	.55	38.76
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	2,634	18.22	28.32	1.81	11.56	.86	40.46
256 WOODEN BOX FACTORIES.....	954	31.28	28.58	3.78	8.97	.80	27.39
258 COFFIN & CASKET IND.....	113	26.76	37.64	.36	7.41	.76	27.87
259 MISCELLANEOUS WOOD IND.....	2,153	11.56	3.55	6.77	28.56	.80	39.72
9 FURNITURE & FIXTURE IND.....	5,681	18.42	8.63	.84	26.52	.13	45.89
261 HOUSEHOLD FURNITURE MFRS.....	2,973	21.11	9.17	1.83	28.18	.25	47.56
264 OFFICE FURNITURE MFRS.....	939	8.92	.98	1.69	48.94	.80	47.47
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	1,678	18.91	12.83	.85	29.79	.80	39.22
268 ELECTRIC LAMP & SHADE MFRS.....	91	19.65	7.38	.80	24.39	.80	48.58
10 PAPER & ALLIED IND.....	93,261	14.73	1.85	.39	35.98	6.93	39.88
271 PULP & PAPER MILLS.....	82,775	15.21	.25	.22	36.19	7.72	39.24
272 ASPHALT ROOFING MFRS.....	799	19.72	2.83	.68	52.26	.80	25.39
273 PAPER BOX & BAG MFRS.....	5,187	9.21	9.82	2.47	38.36	1.37	45.75
274 MISCELLANEOUS PAPER CONVERTERS.....	4,588	11.41	5.47	1.17	35.62	.80	45.86
11 PRINTING, PUBLISHING & ALLIED IND.....	8,275	7.63	16.94	.17	17.25	.81	54.81
286 COMMERCIAL PRINTING.....	4,829	9.46	18.96	.29	28.68	.80	53.87

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP 1975

SIC MAJOR GP & IND GP	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)						
	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	LIQUID PETROLEUM GAS	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(%)	(%)	(%)	(%)	(%)	(%)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	566	6.64	20.46	.00	16.52	.00	53.44
288 PUBLISHING ONLY.....	0	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	2,880	4.74	26.29	.01	11.78	.02	54.35
12 PRIMARY METAL IND.....	162,914	18.51	.75	.31	32.87	4.74	39.30
291 IRON & STEEL MILLS.....	95,470	17.72	.55	.08	36.06	.02	40.08
292 STEEL PIPE & TUBE MILLS.....	3,198	7.52	2.18	.61	43.15	.00	46.55
294 IRON FOUNDRIES.....	8,784	6.53	1.42	1.09	22.79	2.64	60.24
295 SMELTING & REFINING.....	45,222	23.60	.37	.14	27.57	16.08	32.23
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	4,041	16.91	2.21	1.86	28.95	.00	50.07
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.				CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...				CONFIDENTIAL			
13 METAL FABRICATING IND.....	37,444	9.85	9.05	2.02	37.04	.01	40.99
301 BOILER & PLATE WORKS.....	1,396	19.48	8.11	1.46	29.30	.00	41.65
302 FABRICATED STRUCTURAL METAL IND.....	3,004	14.33	22.72	3.10	22.91	.00	36.94
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	2,544	11.85	20.90	2.68	25.91	.00	38.66
304 METAL STAMPING, PRESSING & COATING IND.....	10,020	6.92	7.82	1.59	43.05	.00	39.54
305 WIRE & WIRE PRODUCTS MFRS.....	6,071	2.65	2.41	3.06	43.67	.00	45.85
306 HARDWARE, TOOL & CUTLERY MFRS.....	3,839	8.04	8.32	1.56	28.43	.00	52.75
307 HEATING EQUIPMENT MFRS.....	1,022	2.76	11.20	2.41	44.18	.00	39.45
308 MACHINE SHOPS.....	1,031	14.06	24.79	.93	17.26	.00	42.88

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP 1975

SIC MAJOR GP & IND GP	ENERGY CONSUMPTION BY TYPE OF FUEL (%)						
	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	LIQUID PETROLEUM GAS	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(%)	(%)	(%)	(%)	(%)	(%)
309 MISCELLANEOUS METAL FABRICATING IND.....	8,518	15.84	5.19	1.60	40.25	.02	35.88
14 MACHINERY IND.....	16,955	9.18	7.59	1.67	33.86	.07	47.47
311 AGRICULTURAL IMPLEMENTS IND.....	4,741	13.62	5.41	1.83	39.44	.00	39.70
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	9,451	8.61	6.43	1.98	33.52	.12	49.03
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS....	646	5.66	8.58	1.30	42.97	.00	41.49
318 OFFICE & STORE MACHINERY MFRS.....	2,116	2.82	17.38	.03	20.06	.00	59.72
15 TRANSPORTATION EQUIPMENT IND.....	58,576	14.79	5.96	1.07	25.05	3.84	47.02
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	2,647	27.07	2.65	.05	16.16	.00	47.78
323 MOTOR VEHICLE MFRS.....	22,537	23.39	8.97	.67	20.07	9.85	37.03
324 TRUCK BODY & TRAILER MFRS.....	1,737	10.95	15.60	2.79	32.09	.00	38.56
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS....	28,600	7.18	3.20	1.37	28.75	.10	55.54
326 RAILROAD ROLLING STOCK IND.....	2,085	16.33	3.65	.98	36.55	.02	40.43
327 SHIPBUILDING & REPAIR.....	694	9.69	11.90	1.11	15.64	.06	61.59
328 BOATBUILDING & REPAIR.....				CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MFRS.....				CONFIDENTIAL			
16 ELECTRICAL PRODUCTS IND.....	21,633	11.82	2.58	1.32	28.64	.05	54.44
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	1,431	7.17	3.77	.26	36.80	.00	52.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	3,207	11.81	.25	4.17	40.56	.00	43.20
333 MFRS OF LIGHTING FIXTURES.....	401	5.58	11.26	.71	34.29	.00	40.16
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS....	606	12.17	.73	2.06	22.26	.00	59.12

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP 1975

SIC MAJOR GP & IND GP	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)						
	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	LIQUID PETROLEUM GAS	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(%)	(%)	(%)	(%)	(%)	(%)
335 COMMUNICATIONS EQUIPMENT MFRS.....	3,866	13.30	3.20	.31	19.56	.00	63.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	6,018	15.65	1.91	.82	27.14	.02	51.07
338 MFRS OF ELECTRIC WIRE & CABLE.....	3,262	7.38	1.37	1.72	26.78	.00	62.74
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	2,842	9.97	5.72	.51	29.32	.35	54.13
17 NON-METALLIC MINERAL PRODUCTS IND.....	80,539	20.93	2.96	.42	41.84	6.83	26.28
351 CLAY PRODUCTS MFRS.....	6,561	7.89	2.63	.42	69.44	.00	19.50
352 CEMENT MFRS.....	26,324	31.54	.14	.02	31.34	16.07	20.00
353 STONE PRODUCTS MFRS.....	55	6.64	35.15	.00	21.08	.00	36.32
354 CONCRETE PRODUCTS MFRS.....	5,050	36.22	20.68	1.78	24.02	.00	17.30
355 READY MIX CONCRETE MFRS.....	5,042	66.44	15.71	.10	5.70	.00	11.94
356 GLASS & GLASS PRODUCTS MFRS.....	14,115	.70	.60	.68	71.48	.00	26.47
357 ABRASIVES MFRS.....	6,835	1.20	.55	.06	5.39	.00	92.00
358 LIME MFRS.....	7,031	7.19	.37	.00	69.98	15.12	7.34
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	9,527	22.70	1.77	1.10	41.97	2.13	24.32
18 PETROLEUM & COAL PRODUCTS IND.....	17,866	3.33	.75	.02	30.46	.00	60.07
365 PETROLEUM REFINERIES.....	16,958	.88	.44	.00	30.63	.00	62.40
369 MISC PETROLEUM & COAL PRODUCTS IND.....	908	49.18	6.56	.35	27.36	.00	16.56
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	140,578	22.43	1.32	.48	34.59	.01	26.02
372 MFRS OF MIXED FERTILIZERS.....	454	5.25	42.39	4.04	7.68	.00	38.49
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	4,311	26.26	.92	.28	32.07	.00	34.65

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP 1975

SIC MAJOR GP & IND GP	ENERGY CONSUMPTION BY TYPE OF FUEL (%)						
	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	LIQUID PETROLEUM GAS	NATURAL GAS	COAL	ELECTRICITY
	(\$000'S)	(%)	(%)	(%)	(%)	(%)	(%)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	2,529	11.25	14.09	.07	29.78	.00	43.63
375 PAINT & VARNISH MFRS.....	1,780	26.01	8.04	.93	20.61	.00	40.70
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	3,825	30.25	1.97	1.03	28.71	.00	30.24
377 MFRS OF TOILET PREPARATIONS.....	669	28.07	.15	.00	29.75	.00	40.56
378 MFRS OF INDUSTRIAL CHEMICALS.....	120,803	21.73	.50	.46	35.75	.01	25.53
379 MISCELLANEOUS CHEMICAL IND.....	6,208	32.61	7.05	.50	25.86	.00	31.38
20 MISCELLANEOUS MANUFACTURING IND.....	9,732	15.02	10.80	.71	24.44	.00	40.36
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	3,241	25.64	8.24	.44	13.37	.00	51.49
392 JEWELLERY & SILVERWARE IND.....	800	5.54	5.09	.14	29.89	.00	58.59
393 SPORTING GOODS & TOY IND.....	1,816	12.23	9.91	1.11	29.19	.00	47.57
397 SIGNS & DISPLAYS IND.....	926	6.52	35.52	1.96	21.38	.00	34.61
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	2,950	10.32	7.95	.51	33.17	.00	46.97
ALL MANUFACTURING INDUSTRIES.....	791,496	17.74	4.45	.64	32.81	2.79	37.27

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 6

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
1 FOOD & BEVERAGE IND.....	44,319	14,265	.32	512	7	20
101 MEAT & POULTRY PRODUCTS IND.....	8,921	2,736	.31	582	6	26
102 FISH PRODUCTS IND.....	155	53	.35	291	8	20
103 FRUIT & VEGETABLE PROCESSING IND.....	7,466	2,275	.30	660	13	32
104 DAIRY PRODUCTS IND.....	7,731	2,418	.31	805	9	39
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	578	203	.35	214	2	6
106 FEED IND.....	2,247	950	.42	628	5	24
107 BAKERY PRODUCTS IND.....	1,866	965	.52	129	4	8
108 MISCELLANEOUS FOOD IND.....	8,538	2,290	.27	512	6	16
109 BEVERAGE IND.....	6,817	2,375	.35	553	8	13
2 TOBACCO PRODUCTS IND.....	1,478	398	.27	433	3	9
151 LEAF TOBACCO PROCESSORS.....	1,289	330	.26	1,111	5	58
153 TOBACCO PRODUCTS MFRS.....	189	68	.36	84	1	1
3 RUBBER & PLASTICS PRODUCTS IND.....	12,514	3,528	.28	371	10	19
162 RUBBER PRODUCTS IND.....	9,192	2,427	.26	522	13	25
165 PLASTICS FABRICATING IND, N.E.S.....	3,322	1,101	.33	206	5	11
4 LEATHER IND.....	2,444	660	.27	194	8	16
172 LEATHER TANNERIES.....	2,051	511	.25	1,034	26	60
174 SHOE FACTORIES.....	279	113	.40	35	2	3
175 LEATHER GLOVE FACTORIES.....	5	1	.31	14	1	1

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	189	34	.31	48	2	4
5 TEXTILE IND.....	18,896	5,012	.27	623	18	39
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	507	142	.28	216	9	16
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	15,529	4,059	.26	1,678	44	97
184 CORDAGE & TWINE IND.....	83	23	.27	205	7	12
185 FELT & FIBRE PROCESSING MILLS.....	338	113	.33	410	12	28
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	122	40	.33	86	3	7
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	545	169	.31	115	2	5
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	1,683	488	.29	229	11	21
231 HOSIERY MILLS.....	232	79	.34	120	6	11
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	1,450	409	.28	268	12	25
7 CLOTHING IND.....	879	275	.31	39	2	3
243 MEN'S CLOTHING IND.....	614	197	.32	52	3	5
244 WOMEN'S CLOTHING IND.....	68	24	.36	10	0	1
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	20	5	.24	36	1	2
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	7,463	3,341	.45	387	12	25
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	4,002	2,022	.51	735	22	47
252 VENEER & PLYWOOD MILLS.....	736	262	.36	354	16	33
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	1,248	480	.38	180	5	10
256 WOODEN BOX FACTORIES.....	816	298	.37	349	12	25
258 COFFIN & CASKET IND.....	74	30	.41	282	14	23
259 MISCELLANEOUS WOOD IND.....	586	249	.42	263	9	18
9 FURNITURE & FIXTURE IND.....	2,902	1,047	.36	121	4	8
261 HOUSEHOLD FURNITURE MFRS.....	1,743	628	.36	128	5	10
264 OFFICE FURNITURE MFRS.....	240	84	.35	78	2	4
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	877	317	.36	135	4	9
268 ELECTRIC LAMP & SHADE MFRS.....	41	18	.43	60	3	5
10 PAPER & ALLIED IND.....	53,072	13,736	.26	1,175	25	55
271 PULP & PAPER MILLS.....	49,208	12,587	.26	2,353	48	98
272 ASPHALT ROOFING MFRS.....	602	158	.26	1,001	21	50
273 PAPER BOX & BAG MFRS.....	1,494	478	.32	121	3	7
274 MISCELLANEOUS PAPER CONVERTERS.....	1,768	513	.29	153	4	8
11 PRINTING, PUBLISHING & ALLIED IND.....	1,835	631	.34	39	1	2
286 COMMERCIAL PRINTING.....	1,310	457	.35	57	2	3

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	110	38	.34	31	1	2
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	416	136	.33	27	1	1
12 PRIMARY METAL IND.....	113,764	30,161	.27	1,619	29	67
291 IRON & STEEL MILLS.....	64,860	16,918	.26	1,597	26	60
292 STEEL PIPE & TUBE MILLS.....	954	241	.25	307	4	12
294 IRON FOUNDRIES.....	1,912	574	.30	254	7	12
295 SMELTING & REFINING.....	40,207	10,670	.27	4,090	142	221
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	2,527	683	.27	698	11	30
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S....			CONFIDENTIAL			
13 METAL FABRICATING IND.....	10,998	3,689	.34	127	3	6
301 BOILER & PLATE WORKS.....	635	272	.43	115	3	5
302 FABRICATED STRUCTURAL METAL IND.....	889	430	.48	109	2	4
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	625	301	.48	91	2	4
304 METAL STAMPING, PRESSING & COATING IND.....	1,937	693	.36	102	2	5
305 WIRE & WIRE PRODUCTS MFRS.....	479	161	.34	46	1	2
306 HARDWARE, TOOL & CUTLERY MFRS.....	1,025	309	.30	75	3	4
307 HEATING EQUIPMENT MFRS.....	83	28	.34	28	1	2
308 MACHINE SHOPS.....	407	145	.36	97	4	5

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
309 MISCELLANEOUS METAL FABRICATING IND.....	4,920	1,349	.27	314	7	14
14 MACHINERY IND.....	4,952	1,556	.31	88	2	4
311 AGRICULTURAL IMPLEMENTS IND.....	2,160	646	.30	205	5	11
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	2,505	814	.32	69	2	3
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	113	37	.32	48	1	2
318 OFFICE & STORE MACHINERY MFRS.....	173	60	.34	25	1	2
15 TRANSPORTATION EQUIPMENT IND.....	32,890	8,664	.26	327	4	13
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	2,590	716	.28	291	10	15
323 MOTOR VEHICLE MFRS.....	21,830	5,271	.24	576	4	21
324 TRUCK BODY & TRAILER MFRS.....	453	190	.42	90	2	5
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	6,672	2,053	.31	163	3	7
326 RAILROAD ROLLING STOCK IND.....	1,143	340	.30	263	3	9
327 SHIPBUILDING & REPAIR.....	139	67	.48	60	2	3
328 BOATBUILDING & REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MFRS.....			CONFIDENTIAL			
16 ELECTRICAL PRODUCTS IND.....	8,998	2,557	.28	108	3	6
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	329	103	.31	54	1	4
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	1,277	379	.30	163	4	9
333 MFRS OF LIGHTING FIXTURES.....	71	22	.32	46	1	2
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	240	74	.31	43	1	3

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(CAL 000)	(\$000'S)	(\$/CAL)	(CAL)	(CAL)	(CAL)
335 COMMUNICATIONS EQUIPMENT MFRS.....	1,779	514	.29	72	2	4
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	3,599	942	.26	162	5	9
338 MFRS OF ELECTRIC WIRE & CABLE.....	784	241	.31	147	2	6
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	920	283	.31	94	3	6
17 NON-METALLIC MINERAL PRODUCTS IND.....	57,203	16,855	.29	2,071	47	84
351 CLAY PRODUCTS MFRS.....	1,515	510	.34	507	17	25
352 CEMENT MFRS.....	35,378	8,304	.23	27,006	298	478
353 STONE PRODUCTS MFRS.....	9	4	.39	53	2	4
354 CONCRETE PRODUCTS MFRS.....	4,072	1,829	.45	860	22	37
355 READY MIX CONCRETE MFRS.....	6,097	3,350	.49	2,235	34	83
356 GLASS & GLASS PRODUCTS MFRS.....	235	99	.42	31	1	1
357 ABRASIVES MFRS.....	253	82	.32	134	3	7
358 LIME MFRS.....	1,758	506	.29	5,038	79	149
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	7,085	2,163	.31	1,306	32	57
18 PETROLEUM & COAL PRODUCTS IND.....	1,863	595	.32	201	1	7
365 PETROLEUM REFINERIES.....	598	149	.25	66	0	2
369 MISC PETROLEUM & COAL PRODUCTS IND.....	1,264	447	.35	5,881	69	166
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	145,230	31,526	.22	3,271	47	102
372 MFRS OF MIXED FERTILIZERS.....	66	24	.36	111	1	4
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	4,442	1,132	.25	2,115	23	62

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	915	284	.31	117	3	4
375 PAINT & VARNISH MFRS.....	1,765	463	.26	405	7	16
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	8,580	1,157	.13	1,652	23	52
377 MFRS OF TOILET PREPARATIONS.....	620	188	.30	193	5	8
378 MFRS OF INDUSTRIAL CHEMICALS.....	121,824	26,253	.22	9,378	103	233
379 MISCELLANEOUS CHEMICAL IND.....	7,018	2,025	.29	863	14	31
20 MISCELLANEOUS MANUFACTURING IND.....	5,279	1,462	.28	131	4	8
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	3,189	831	.26	217	6	12
392 JEWELLERY & SILVERWARE IND.....	157	44	.28	31	1	2
393 SPORTING GOODS & TOY IND.....	699	222	.32	102	3	6
397 SIGNS & DISPLAYS IND.....	170	60	.36	50	2	3
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	1,064	304	.29	104	3	6
ALL MANUFACTURING INDUSTRIES.....	528,660	140,446	.27	622	12	29

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 7

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
1 FOOD & BEVERAGE IND.....	21,035	13,166	.63	243	3	9
101 MEAT & POULTRY PRODUCTS IND.....	4,070	2,529	.62	265	3	12
102 FISH PRODUCTS IND.....	47	27	.58	89	2	6
103 FRUIT & VEGETABLE PROCESSING IND.....	615	373	.61	54	1	3
104 DAIRY PRODUCTS IND.....	5,487	3,402	.62	572	6	27
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	128	87	.68	47	0	1
106 FEED IND.....	1,957	1,247	.64	547	5	21
107 BAKERY PRODUCTS IND.....	3,482	2,202	.63	241	7	14
108 MISCELLANEOUS FOOD IND.....	2,188	1,389	.63	131	1	4
109 BEVERAGE IND.....	3,060	1,910	.62	240	3	6
2 TOBACCO PRODUCTS IND.....	297	193	.65	87	1	2
151 LEAF TOBACCO PROCESSORS.....	46	27	.60	39	0	2
153 TOBACCO PRODUCTS MFRS.....	251	166	.66	111	1	2
3 RUBBER & PLASTICS PRODUCTS IND.....	682	446	.65	20	1	1
162 RUBBER PRODUCTS IND.....	195	131	.67	11	0	1
165 PLASTICS FABRICATING IND, N.E.S.....	487	315	.65	30	1	2
4 LEATHER IND.....	102	68	.67	8	0	1
172 LEATHER TANNERIES.....	19	14	.70	10	0	1
174 SHOE FACTORIES.....	51	32	.62	6	0	1
175 LEATHER GLOVE FACTORIES.....	2	1	.63	5	0	1

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	29	21	.72	13	1	1
5 TEXTILE IND.....	898	549	.61	30	1	2
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	24	18	.74	10	0	1
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	48	31	.63	5	0	0
184 CORDAGE & TWINE IND.....	0	0	.00	0	0	0
185 FELT & FIBRE PROCESSING MILLS.....	75	41	.55	91	3	6
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	78	53	.68	55	2	5
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	66	44	.67	14	0	1
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL		
6 KNITTING MILLS.....	62	40	.64	8	0	1
231 HOSIERY MILLS.....	18	12	.67	9	0	1
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	44	28	.63	8	0	1
7 CLOTHING IND.....	219	147	.67	10	0	1
243 MEN'S CLOTHING IND.....	115	75	.65	10	0	1
244 WOMEN'S CLOTHING IND.....	41	29	.70	6	0	0
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL		
246 FUR GOODS IND.....	14	10	.71	26	1	2
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL		

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	3,643	2,369	.65	189	6	12
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	1,742	1,111	.64	320	10	20
252 VENEER & PLYWOOD MILLS.....	182	121	.67	88	4	8
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	1,124	746	.66	162	4	9
256 WOODEN BOX FACTORIES.....	427	273	.64	183	6	13
258 COFFIN & CASKET IND.....	58	43	.74	218	11	18
259 MISCELLANEOUS WOOD IND.....	111	76	.69	50	2	3
9 FURNITURE & FIXTURE IND.....	672	490	.73	28	1	2
261 HOUSEHOLD FURNITURE MFRS.....	374	273	.73	27	1	2
264 OFFICE FURNITURE MFRS.....	15	9	.62	5	0	0
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	275	202	.73	42	1	3
268 ELECTRIC LAMP & SHADE MFRS.....	9	7	.75	13	1	1
10 PAPER & ALLIED IND.....	1,473	975	.66	33	1	2
271 PULP & PAPER MILLS.....	338	203	.60	16	0	1
272 ASPHALT ROOFING MFRS.....	25	16	.64	76	1	2
273 PAPER BOX & BAG MFRS.....	741	510	.69	60	1	3
274 MISCELLANEOUS PAPER CONVERTERS.....	369	246	.67	32	1	2
11 PRINTING, PUBLISHING & ALLIED IND.....	2,080	1,402	.67	44	1	2
286 COMMERCIAL PRINTING.....	723	529	.73	31	1	2

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	202	116	.57	57	2	3
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	1,155	757	.66	74	2	3
12 PRIMARY METAL IND.....	2,261	1,224	.54	32	1	1
291 IRON & STEEL MILLS.....	1,160	523	.45	29	0	1
292 STEEL PIPE & TUBE MILLS.....	111	70	.63	36	0	1
294 IRON FOUNDRIES.....	189	125	.66	25	1	1
295 SMELTING & REFINING.....	243	168	.69	25	1	1
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	170	89	.52	47	1	2
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL			
13 METAL FABRICATING IND.....	4,921	3,389	.69	57	1	3
301 BOILER & PLATE WORKS.....	162	113	.70	29	1	1
302 FABRICATED STRUCTURAL METAL IND.....	909	683	.75	111	3	5
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	737	532	.72	107	2	4
304 METAL STAMPING, PRESSING & COATING IND.....	1,213	784	.65	64	1	3
305 WIRE & WIRE PRODUCTS MFRS.....	225	146	.65	22	0	1
306 HARDWARE, TOOL & CUTLERY MFRS.....	469	320	.68	34	1	2
307 HEATING EQUIPMENT MFRS.....	166	114	.69	56	1	3
308 MACHINE SHOPS.....	389	256	.66	92	3	5

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
309 MISCELLANEOUS METAL FABRICATING IND.....	651	442	.68	42	1	2
14 MACHINERY IND.....	1,897	1,287	.68	34	1	2
311 AGRICULTURAL IMPLEMENTS IND.....	386	256	.66	37	1	2
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	896	608	.68	25	1	1
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	76	55	.73	32	1	1
318 OFFICE & STORE MACHINERY MFRS.....	538	368	.68	77	2	5
15 TRANSPORTATION EQUIPMENT IND.....	7,183	3,491	.49	71	1	3
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	116	70	.61	13	0	1
323 MOTOR VEHICLE MFRS.....	4,701	2,021	.43	124	1	4
324 TRUCK BODY & TRAILER MFRS.....	406	271	.67	81	2	4
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,616	915	.57	39	1	2
326 RAILROAD ROLLING STOCK IND.....	116	76	.66	27	0	1
327 SHIPBUILDING & REPAIR.....	144	83	.57	62	2	3
328 BOATBUILDING & REPAIR.....				CONFIDENTIAL		
329 MISCELLANEOUS VEHICLE MFRS.....				CONFIDENTIAL		
16 ELECTRICAL PRODUCTS IND.....	844	558	.66	10	0	1
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	75	54	.72	12	0	1
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	13	8	.62	2	0	0
333 MFRS OF LIGHTING FIXTURES.....	80	45	.57	52	1	3
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	7	4	.60	1	0	0

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
335 COMMUNICATIONS EQUIPMENT MFRS.....	178	124	.70	7	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	174	115	.66	8	0	0
338 MFRS OF ELECTRIC WIRE & CABLE.....	75	45	.59	14	0	1
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	242	162	.67	25	1	1
17 NON-METALLIC MINERAL PRODUCTS IND.....	3,903	2,382	.61	141	3	6
351 CLAY PRODUCTS MFRS.....	287	173	.60	96	3	5
352 CEMENT MFRS.....	65	36	.55	50	1	1
353 STONE PRODUCTS MFRS.....	29	19	.66	165	6	12
354 CONCRETE PRODUCTS MFRS.....	1,681	1,044	.62	355	9	15
355 READY MIX CONCRETE MFRS.....	1,261	792	.63	409	6	15
356 GLASS & GLASS PRODUCTS MFRS.....	158	85	.54	21	1	1
357 ABRASIVES MFRS.....	59	38	.64	31	1	2
358 LIME MFRS.....	52	26	.50	150	2	4
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	311	168	.54	57	1	3
18 PETROLEUM & COAL PRODUCTS IND.....	194	134	.69	21	0	1
365 PETROLEUM REFINERIES.....	101	75	.74	11	0	0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	93	60	.64	433	5	12
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	2,814	1,853	.66	63	1	2
372 MFRS OF MIXED FERTILIZERS.....	300	192	.64	501	4	18
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	66	40	.60	31	0	1

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	524	356	.68	67	1	2
375 PAINT & VARNISH MFRS.....	192	143	.75	44	1	2
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	131	75	.58	25	0	1
377 MFRS OF TOILET PREPARATIONS.....	1	1	.78	0	0	0
378 MFRS OF INDUSTRIAL CHEMICALS.....	952	607	.64	73	1	2
379 MISCELLANEOUS CHEMICAL IND.....	648	438	.68	80	1	3
20 MISCELLANEOUS MANUFACTURING IND.....	1,593	1,051	.66	40	1	2
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	409	267	.65	28	1	1
392 JEWELLERY & SILVERWARE IND.....	64	41	.64	13	0	1
393 SPORTING GOODS & TOY IND.....	265	180	.68	39	1	2
397 SIGNS & DISPLAYS IND.....	520	329	.63	153	7	11
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	335	235	.70	33	1	2
ALL MANUFACTURING INDUSTRIES.....	56,774	35,214	.62	67	1	3

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 8 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MCF 000)	(\$000'S)	(\$/MCF)	(MCF)	(MCF)	(MCF)
1 FOOD & BEVERAGE IND.....	23,837	23,485	.99	276	4	11
101 MEAT & POULTRY PRODUCTS IND.....	3,113	3,187	1.02	283	2	9
102 FISH PRODUCTS IND.....	60	77	1.29	113	3	8
103 FRUIT & VEGETABLE PROCESSING IND.....	2,212	2,169	.98	196	4	9
104 DAIRY PRODUCTS IND.....	2,094	2,129	1.02	218	2	10
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	693	714	1.03	256	2	7
106 FEED IND.....	964	818	.85	270	2	10
107 BAKERY PRODUCTS IND.....	1,942	2,016	1.04	134	4	8
108 MISCELLANEOUS FOOD IND.....	7,277	7,344	1.01	436	5	14
109 BEVERAGE IND.....	5,482	5,030	.92	445	6	11
2 TOBACCO PRODUCTS IND.....	214	222	1.04	63	0	1
151 LEAF TOBACCO PROCESSORS.....	102	93	.91	88	0	5
153 TOBACCO PRODUCTS MFRS.....	112	129	1.15	50	0	1
3 RUBBER & PLASTICS PRODUCTS IND.....	6,155	5,762	.94	183	5	9
162 RUBBER PRODUCTS IND.....	3,844	3,792	.99	218	6	11
165 PLASTICS FABRICATING IND, N.E.S.....	2,311	1,970	.85	144	4	8
4 LEATHER IND.....	982	913	.93	78	3	7
172 LEATHER TANNERIES.....	776	677	.87	391	10	23
174 SHOE FACTORIES.....	136	151	1.11	17	1	2
175 LEATHER GLOVE FACTORIES.....	13	16	1.25	38	2	4

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MCF 000)	(\$000'S)	(\$/MCF)	(MCF)	(MCF)	(MCF)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	58	70	1.21	26	1	2
5 TEXTILE IND.....	5,776	5,943	1.03	190	5	12
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	408	437	1.07	173	7	13
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	3,016	3,057	1.01	326	9	19
184 CORDAGE & TWINE IND.....	8	9	1.12	19	1	1
185 FELT & FIBRE PROCESSING MILLS.....	146	161	1.10	177	5	12
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	36	35	.97	25	1	2
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	252	299	1.19	53	1	3
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	606	676	1.12	82	4	8
231 HOSIERY MILLS.....	138	155	1.12	71	4	6
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	468	521	1.11	86	4	8
7 CLOTHING IND.....	246	259	1.05	11	1	1
243 MEN'S CLOTHING IND.....	123	134	1.09	10	1	1
244 WOMEN'S CLOTHING IND.....	48	49	1.03	7	0	1
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	2	2	1.03	3	0	0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF
	(MCF 000)	(\$000'S)	(\$/MCF)	(MCF)	SHIPMENTS	VALUE ADDED
249 MISCELLANEOUS CLOTHING IND.....						
8 WOOD IND.....	1,690	1,751	1.04	88	3	6
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	339	341	1.01	62	2	4
252 VENEER & PLYWOOD MILLS.....	414	397	.96	199	9	18
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	281	304	1.08	41	1	2
256 WOODEN BOX FACTORIES.....	75	86	1.14	32	1	2
258 COFFIN & CASKET IND.....	6	8	1.38	23	1	2
259 MISCELLANEOUS WOOD IND.....	574	615	1.07	257	8	18
9 FURNITURE & FIXTURE IND.....	1,262	1,506	1.19	53	2	4
261 HOUSEHOLD FURNITURE MFRS.....	523	600	1.15	38	1	3
264 OFFICE FURNITURE MFRS.....	309	384	1.25	100	3	5
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	410	500	1.22	63	2	4
268 ELECTRIC LAMP & SHADE MFRS.....	20	22	1.10	29	1	2
10 PAPER & ALLIED IND.....	34,653	33,552	.97	767	16	36
271 PULP & PAPER MILLS.....	31,476	29,957	.95	1,505	31	62
272 ASPHALT ROOFING MFRS.....	208	418	2.01	622	7	17
273 PAPER BOX & BAG MFRS.....	1,493	1,575	1.05	121	3	7
274 MISCELLANEOUS PAPER CONVERTERS.....	1,476	1,603	1.09	128	3	7
11 PRINTING, PUBLISHING & ALLIED IND.....	1,250	1,428	1.14	26	1	1
286 COMMERCIAL PRINTING.....	859	995	1.16	37	1	2

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MCF 000)	(\$000'S)	(\$/MCF)	(MCF)	(MCF)	(MCF)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	81	94	1.15	23	1	1
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	310	339	1.09	20	1	1
12 PRIMARY METAL IND.....	56,169	53,557	.95	800	14	33
291 IRON & STEEL MILLS.....	36,330	34,430	.95	895	15	33
292 STEEL PIPE & TUBE MILLS.....	1,466	1,380	.94	471	5	19
294 IRON FOUNDRIES.....	1,656	2,002	1.21	220	6	10
295 SMELTING & REFINING.....	13,330	12,470	.94	1,356	47	73
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	1,051	1,170	1.11	290	5	13
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...				CONFIDENTIAL		
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....				CONFIDENTIAL		
13 METAL FABRICATING IND.....	12,900	13,870	1.08	149	4	7
301 BOILER & PLATE WORKS.....	326	409	1.26	59	1	3
302 FABRICATED STRUCTURAL METAL IND.....	537	688	1.28	66	1	3
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	531	659	1.24	77	2	3
304 METAL STAMPING, PRESSING & COATING IND.....	4,093	4,313	1.05	216	4	10
305 WIRE & WIRE PRODUCTS MFRS.....	2,498	2,651	1.06	240	5	12
306 HARDWARE, TOOL & CUTLERY MFRS.....	1,025	1,091	1.06	75	3	4
307 HEATING EQUIPMENT MFRS.....	410	451	1.10	139	4	8
308 MACHINE SHOPS.....	129	178	1.38	31	1	2

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MCF 000)	(\$000'S)	(\$/MCF)	(MCF)	(MCF)	(MCF)
309 MISCELLANEOUS METAL FABRICATING IND.....	3,352	3,428	1.02	214	5	10
14 MACHINERY IND.....	5,306	5,741	1.08	94	2	5
311 AGRICULTURAL IMPLEMENTS IND.....	1,894	1,870	.99	179	4	9
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	2,846	3,169	1.11	78	2	4
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	215	278	1.29	91	2	4
318 OFFICE & STORE MACHINERY MFRS.....	352	424	1.21	50	1	3
15 TRANSPORTATION EQUIPMENT IND.....	13,542	14,671	1.08	134	2	5
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	399	428	1.07	45	1	2
323 MOTOR VEHICLE MFRS.....	4,090	4,523	1.11	108	1	4
324 TRUCK BODY & TRAILER MFRS.....	532	558	1.05	106	2	6
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	7,649	8,221	1.07	187	3	8
326 RAILROAD ROLLING STOCK IND.....	708	762	1.08	163	2	6
327 SHIPBUILDING & REPAIR.....	98	109	1.11	42	1	2
328 BOATBUILDING & REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MFRS.....			CONFIDENTIAL			
16 ELECTRICAL PRODUCTS IND.....	5,614	6,196	1.10	68	2	4
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	416	526	1.27	68	2	4
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)....	1,203	1,301	1.08	153	3	9
333 MFRS OF LIGHTING FIXTURES.....	123	138	1.12	79	2	4
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	105	135	1.29	19	0	1

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MCF 000)	(\$000'S)	(\$/MCF)	(MCF)	(MCF)	(MCF)
335 COMMUNICATIONS EQUIPMENT MFRS.....	663	756	1.14	27	1	1
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,526	1,633	1.07	69	2	4
338 MFRS OF ELECTRIC WIRE & CABLE.....	878	874	1.00	165	2	7
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	700	833	1.19	72	2	4
17 NON-METALLIC MINERAL PRODUCTS IND.....	34,216	33,694	.98	1,239	28	50
351 CLAY PRODUCTS MFRS.....	4,465	4,556	1.02	1,495	51	73
352 CEMENT MFRS.....	9,058	8,249	.91	6,914	76	122
353 STONE PRODUCTS MFRS.....	12	12	.97	70	3	5
354 CONCRETE PRODUCTS MFRS.....	1,195	1,213	1.02	252	6	11
355 READY MIX CONCRETE MFRS.....	264	288	1.09	86	1	3
356 GLASS & GLASS PRODUCTS MFRS.....	10,025	10,089	1.01	1,309	35	57
357 ABRASIVES MFRS.....	329	368	1.12	174	4	9
358 LIME MFRS.....	4,956	4,920	.99	14,200	223	420
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	3,912	3,999	1.02	721	18	31
18 PETROLEUM & COAL PRODUCTS IND.....	5,567	5,442	.98	601	3	20
365 PETROLEUM REFINERIES.....	5,366	5,194	.97	593	3	20
369 MISC PETROLEUM & COAL PRODUCTS IND.....	201	248	1.24	933	11	26
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	54,697	48,628	.89	1,232	10	38
372 MFRS OF MIXED FERTILIZERS.....	31	35	1.11	53	0	2
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	1,359	1,383	1.02	647	7	19

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MCF 000)	(\$000'S)	(\$/MCF)	(MCF)	(MCF)	(MCF)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	690	753	1.09	88	2	3
375 PAINT & VARNISH MFRS.....	304	367	1.21	70	1	3
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	1,087	1,098	1.01	289	3	7
377 MFRS OF TOILET PREPARATIONS.....	185	199	1.07	58	1	2
378 MFRS OF INDUSTRIAL CHEMICALS.....	49,434	43,188	.87	3,806	42	94
379 MISCELLANEOUS CHEMICAL IND.....	1,605	1,605	1.00	197	3	7
20 MISCELLANEOUS MANUFACTURING IND.....	2,346	2,378	1.01	58	2	3
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	386	433	1.12	26	1	1
392 JEWELLERY & SILVERWARE IND.....	232	239	1.03	46	1	3
393 SPORTING GOODS & TOY IND.....	534	530	.99	78	3	5
397 SIGNS & DISPLAYS IND.....	222	198	.89	66	3	5
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	972	978	1.01	95	3	6
ALL MANUFACTURING INDUSTRIES.....	267,027	259,673	.97	314	6	15

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 9

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
1 FOOD & BEVERAGE IND.....	1532	578	.38	18	0	1
101 MEAT & POULTRY PRODUCTS IND.....	64	26	.41	4	0	0
102 FISH PRODUCTS IND.....	19	8	.40	35	1	2
103 FRUIT & VEGETABLE PROCESSING IND.....	283	114	.40	25	0	1
104 DAIRY PRODUCTS IND.....	492	177	.36	51	1	2
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	20	8	.40	7	0	0
106 FEED IND.....	208	77	.37	58	0	2
107 BAKERY PRODUCTS IND.....	131	56	.43	9	0	1
108 MISCELLANEOUS FOOD IND.....	189	63	.33	11	0	0
109 BEVERAGE IND.....	127	48	.38	10	0	0
2 TOBACCO PRODUCTS IND.....	59	24	.41	17	0	0
151 LEAF TOBACCO PROCESSORS.....	59	24	.41	51	0	3
153 TOBACCO PRODUCTS MFGS.....	0	0	.00	0	0	0
3 RUBBER & PLASTICS PRODUCTS IND.....	301	128	.43	9	0	0
162 RUBBER PRODUCTS IND.....	185	77	.42	10	0	1
165 PLASTICS FABRICATING IND, N.E.S.....	116	51	.44	7	0	0
4 LEATHER IND.....	89	27	.30	7	0	1
172 LEATHER TANNERIES.....	48	16	.33	24	1	1
174 SHOE FACTORIES.....	38	10	.27	5	0	0
175 LEATHER GLOVE FACTORIES.....	1	0	.24	3	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	SHIPMENTS	VALUE ADDED
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	3	1	.23	1	0	0
5 TEXTILE IND.....	274	91	.33	9	0	1
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	5	2	.38	2	0	0
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	66	25	.37	7	0	0
184 CORDAGE & TWINE IND.....	0	0	.00	0	0	0
185 FELT & FIBRE PROCESSING MILLS.....	8	2	.23	10	0	1
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	5	1	.26	4	0	0
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	81	20	.25	17	0	1
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL		
6 KNITTING MILLS.....	13	4	.34	2	0	0
231 HOSIERY MILLS.....	0	0	.00	0	0	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	13	4	.34	2	0	0
7 CLOTHING IND.....	0	6	18.48	0	0	0
243 MEN'S CLOTHING IND.....	0	0	.50	0	0	0
244 WOMEN'S CLOTHING IND.....	0	6	20.12	0	0	0
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL		
246 FUR GOODS IND.....	0	0	.00	0	0	0
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL		

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL		
8 WOOD IND.....	598	264	.44	31	1	2
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	89	40	.45	16	0	1
252 VENEER & PLYWOOD MILLS.....	32	15	.48	15	1	1
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	86	27	.31	12	0	1
256 WOODEN BOX FACTORIES.....	94	36	.38	40	1	3
258 COFFIN & CASKET IND.....	1	0	.64	2	0	0
259 MISCELLANEOUS WOOD IND.....	297	146	.49	133	4	9
9 FURNITURE & FIXTURE IND.....	134	47	.35	6	0	0
261 HOUSEHOLD FURNITURE MFRS.....	88	31	.35	6	0	0
264 OFFICE FURNITURE MFRS.....	44	16	.37	14	0	1
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	3	1	.29	0	0	0
268 ELECTRIC LAMP & SHADE MFRS.....	0	0	.00	0	0	0
10 PAPER & ALLIED IND.....	943	366	.39	21	0	1
271 PULP & PAPER MILLS.....	437	181	.41	21	0	1
272 ASPHALT ROOFING MFRS.....	12	5	.40	36	0	1
273 PAPER BOX & BAG MFRS.....	308	128	.42	25	1	1
274 MISCELLANEOUS PAPER CONVERTERS.....	185	52	.28	16	0	1
11 PRINTING, PUBLISHING & ALLIED IND.....	31	14	.46	1	0	0
286 COMMERCIAL PRINTING.....	30	14	.47	1	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	0	0	.00	0	0	0
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	1	0	.30	0	0	0
12 PRIMARY METAL IND.....	1,247	499	.40	18	0	1
291 IRON & STEEL MILLS.....	207	74	.36	5	0	0
292 STEEL PIPE & TUBE MILLS.....	34	19	.57	11	0	0
294 IRON FOUNDRIES.....	234	96	.41	31	1	1
295 SMELTING & REFINING.....	145	62	.43	15	1	1
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	170	75	.44	47	1	2
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL			
13 METAL FABRICATING IND.....	1,957	757	.39	23	1	1
301 BOILER & PLATE WORKS.....	47	20	.44	8	0	0
302 FABRICATED STRUCTURAL METAL IND.....	190	93	.49	23	1	1
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	128	68	.53	19	0	1
304 METAL STAMPING, PRESSING & COATING IND.....	412	159	.39	22	0	1
305 WIRE & WIRE PRODUCTS MFRS.....	399	186	.47	38	1	2
306 HARDWARE, TOOL & CUTLERY MFRS.....	190	60	.31	14	0	1
307 HEATING EQUIPMENT MFRS.....	68	25	.36	23	1	1
308 MACHINE SHOPS.....	21	10	.45	5	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
309 MISCELLANEOUS METAL FABRICATING IND.....	502	136	.27	32	1	1
14 MACHINERY IND.....	724	283	.39	13	0	1
311 AGRICULTURAL IMPLEMENTS IND.....	227	87	.38	21	0	1
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	487	187	.38	13	0	1
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	8	8	1.04	3	0	0
318 OFFICE & STORE MACHINERY MFRS.....	1	1	.40	0	0	0
15 TRANSPORTATION EQUIPMENT IND.....	1,721	625	.36	17	0	1
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	3	1	.40	0	0	0
323 MOTOR VEHICLE MFRS.....	507	151	.30	13	0	0
324 TRUCK BODY & TRAILER MFRS.....	123	40	.39	25	1	1
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,018	393	.39	25	0	1
326 RAILROAD ROLLING STOCK IND.....	43	20	.48	10	0	0
327 SHIPBUILDING & REPAIR.....	18	8	.43	8	0	0
328 BOATBUILDING & REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MFRS.....			CONFIDENTIAL			
16 ELECTRICAL PRODUCTS IND.....	643	285	.44	8	0	0
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	9	4	.42	1	0	0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	276	134	.48	35	1	2
333 MFRS OF LIGHTING FIXTURES.....	7	3	.39	5	0	0
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	28	12	.45	5	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	(GAL)	(GAL)
335 COMMUNICATIONS EQUIPMENT MFRS.....	29	12	.41	1	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	137	50	.36	6	0	0
338 MFRS OF ELECTRIC WIRE & CABLE.....	123	56	.46	23	0	1
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	34	15	.43	3	0	0
17 NON-METALLIC MINERAL PRODUCTS IND.....	870	334	.38	31	1	1
351 CLAY PRODUCTS MFRS.....	67	27	.41	22	1	1
352 CEMENT MFRS.....	17	6	.37	13	0	0
353 STONE PRODUCTS MFRS.....	0	0	.00	0	0	0
354 CONCRETE PRODUCTS MFRS.....	228	90	.39	48	1	2
355 READY MIX CONCRETE MFRS.....	16	5	.33	5	0	0
356 GLASS & GLASS PRODUCTS MFRS.....	226	96	.43	30	1	1
357 ABRASIVES MFRS.....	10	4	.43	5	0	0
358 LIME MFRS.....	0	0	.24	1	0	0
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	305	105	.34	56	1	2
18 PETROLEUM & COAL PRODUCTS IND.....	9	3	.37	1	0	0
365 PETROLEUM REFINERIES.....	0	0	.00	0	0	0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	9	3	.37	40	0	1
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	1,621	675	.42	37	1	1
372 MFRS OF MIXED FERTILIZERS.....	49	18	.38	81	1	3
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	21	12	.59	10	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	SHIPMENTS	VALUE ADDED
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	7	2	.26	1	0	0
375 PAINT & VARNISH MFRS.....	45	16	.37	10	0	0
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	107	40	.37	21	0	1
377 MFRS OF TOILET PREPARATIONS.....	0	0	.40	0	0	0
378 MFRS OF INDUSTRIAL CHEMICALS.....	1,318	556	.42	101	1	3
379 MISCELLANEOUS CHEMICAL IND.....	75	31	.41	9	0	0
20 MISCELLANEOUS MANUFACTURING IND.....	175	69	.39	4	0	0
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	41	14	.35	3	0	0
392 JEWELLERY & SILVERWARE IND.....	3	1	.40	1	0	0
393 SPORTING GOODS & TOY IND.....	48	20	.42	7	0	0
397 SIGNS & DISPLAYS IND.....	45	18	.40	13	1	1
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	37	15	.40	4	0	0
ALL MANUFACTURING INDUSTRIES.....	12,940	5,081	.39	15	0	1

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 10

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(TON)	(\$000'S)	(\$/TON)	(TON)	(TON)	(TON)
1 FOOD & BEVERAGE IND.....	2,136	77	35.98	.0	.0	.0
101 MEAT & POULTRY PRODUCTS IND.....	0	0	.00	.0	.0	.0
102 FISH PRODUCTS IND.....	50	2	37.00	.1	.0	.0
103 FRUIT & VEGETABLE PROCESSING IND.....	1,651	45	27.33	.1	.0	.0
104 DAIRY PRODUCTS IND.....	259	7	27.03	.0	.0	.0
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	56	4	73.07	.0	.0	.0
106 FEED IND.....	0	0	.00	.0	.0	.0
107 BAKERY PRODUCTS IND.....	0	0	.00	.0	.0	.0
108 MISCELLANEOUS FOOD IND.....	120	19	156.63	.0	.0	.0
109 BEVERAGE IND.....	0	0	.00	.0	.0	.0
2 TOBACCO PRODUCTS IND.....	0	0	.00	.0	.0	.0
151 LEAF TOBACCO PROCESSORS.....	0	0	.00	.0	.0	.0
153 TOBACCO PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
3 RUBBER & PLASTICS PRODUCTS IND.....	0	0	.00	.0	.0	.0
162 RUBBER PRODUCTS IND.....	0	0	.00	.0	.0	.0
165 PLASTICS FABRICATING IND, N.E.S.....	0	0	.00	.0	.0	.0
4 LEATHER IND.....	0	0	.00	.0	.0	.0
172 LEATHER TANNERIES.....	0	0	.00	.0	.0	.0
174 SHOE FACTORIES.....	0	0	.00	.0	.0	.0
175 LEATHER GLOVE FACTORIES.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(TON)	(\$000'S)	(\$/TON)	(TON)	(TON)	(TON)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	0	0	.00	.0	.0	.0
5 TEXTILE IND.....	0	0	.00	.0	.0	.0
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	0	0	.00	.0	.0	.0
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	0	0	.00	.0	.0	.0
184 CORDAGE & TWINE IND.....	0	0	.00	.0	.0	.0
185 FELT & FIBRE PROCESSING MILLS.....	0	0	.00	.0	.0	.0
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	0	0	.00	.0	.0	.0
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	0	0	.00	.0	.0	.0
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	0	0	.00	.0	.0	.0
231 HOSIERY MILLS.....	0	0	.00	.0	.0	.0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	0	0	.00	.0	.0	.0
7 CLOTHING IND.....	0	0	.00	.0	.0	.0
243 MEN'S CLOTHING IND.....	0	0	.00	.0	.0	.0
244 WOMEN'S CLOTHING IND.....	0	0	.00	.0	.0	.0
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	0	0	.00	.0	.0	.0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(TON)	(\$000'S)	(\$/TON)	(TON)	(TON)	(TON)
249 MISCELLANEOUS CLOTHING IND.....	CONFIDENTIAL					
8 WOOD IND.....	558	26	46.55	.0	.0	.0
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	348	16	47.00	.1	.0	.0
252 VENEER & PLYWOOD MILLS.....	133	7	54.95	.1	.0	.0
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	53	1	27.36	.0	.0	.0
256 WOODEN BOX FACTORIES.....	0	0	.00	.0	.0	.0
258 COFFIN & CASKET IND.....	24	1	35.75	.1	.0	.0
259 MISCELLANEOUS WOOD IND.....	0	0	.00	.0	.0	.0
9 FURNITURE & FIXTURE IND.....	238	7	31.00	.0	.0	.0
261 HOUSEHOLD FURNITURE MFRS.....	238	7	31.00	.0	.0	.0
264 OFFICE FURNITURE MFRS.....	0	0	.00	.0	.0	.0
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	0	0	.00	.0	.0	.0
268 ELECTRIC LAMP & SHADE MFRS.....	0	0	.00	.0	.0	.0
10 PAPER & ALLIED IND.....	223,789	6,465	28.89	5.0	.1	.2
271 PULP & PAPER MILLS.....	221,413	6,393	28.88	10.6	.2	.4
272 ASPHALT ROOFING MFRS.....	0	0	.00	.0	.0	.0
273 PAPER BOX & BAG MFRS.....	2,376	71	30.00	.2	.0	.0
274 MISCELLANEOUS PAPER CONVERTERS.....	0	0	.00	.0	.0	.0
11 PRINTING, PUBLISHING & ALLIED IND.....	25	1	20.36	.0	.0	.0
286 COMMERCIAL PRINTING.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(TON)	(\$000'S)	(\$/TON)	(TON)	(TON)	(TON)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	0	0	.00	.0	.0	.0
288 PUBLISHING ONLY.....	0	0	.00	.0	.0	.0
289 PUBLISHING & PRINTING.....	25	1	20.36	.0	.0	.0
12 PRIMARY METAL IND.....	72,473	7,717	106.49	1.0	.0	.0
291 IRON & STEEL MILLS.....	212	21	100.83	.0	.0	.0
292 STEEL PIPE & TUBE MILLS.....	0	0	.00	.0	.0	.0
294 IRON FOUNDRIES.....	5,816	232	39.90	.8	.0	.0
295 SMELTING & REFINING.....	61,107	7,270	118.98	6.2	.2	.3
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	0	0	.00	.0	.0	.0
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL			
13 METAL FABRICATING IND.....	89	2	26.54	.0	.0	.0
301 BOILER & PLATE WORKS.....	0	0	.00	.0	.0	.0
302 FABRICATED STRUCTURAL METAL IND.....	0	0	.00	.0	.0	.0
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	0	0	.00	.0	.0	.0
304 METAL STAMPING, PRESSING & COATING IND.....	0	0	.00	.0	.0	.0
305 WIRE & WIRE PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
306 HARDWARE, TOOL & CUTLERY MFRS.....	0	0	.00	.0	.0	.0
307 HEATING EQUIPMENT MFRS.....	0	0	.00	.0	.0	.0
308 MACHINE SHOPS.....	14	1	60.14	.0	.0	.0

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(TON)	(\$000'S)	(\$/TON)	(TON)	(TON)	(TON)
309 MISCELLANEOUS METAL FABRICATING IND.....	75	2	20.27	.0	.0	.0
14 MACHINERY IND.....	303	12	38.69	.0	.0	.0
311 AGRICULTURAL IMPLEMENTS IND.....	0	0	.00	.0	.0	.0
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	303	12	38.69	.0	.0	.0
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	0	0	.00	.0	.0	.0
318 OFFICE & STORE MACHINERY MFRS.....	0	0	.00	.0	.0	.0
15 TRANSPORTATION EQUIPMENT IND.....	50,439	2,250	44.60	.5	.0	.0
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	0	0	.00	.0	.0	.0
323 MOTOR VEHICLE MFRS.....	48,731	2,220	45.55	1.3	.0	.0
324 TRUCK BODY & TRAILER MFRS.....	0	0	.00	.0	.0	.0
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,686	29	17.27	.0	.0	.0
326 RAILROAD ROLLING STOCK IND.....	16	0	29.63	.0	.0	.0
327 SHIPBUILDING & REPAIR.....	6	0	73.33	.0	.0	.0
328 BOATBUILDING & REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MFRS.....			CONFIDENTIAL			
16 ELECTRICAL PRODUCTS IND.....	407	11	26.86	.0	.0	.0
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	0	0	.00	.0	.0	.0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	0	0	.00	.0	.0	.0
333 MFRS OF LIGHTING FIXTURES.....	0	0	.00	.0	.0	.0
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(TON)	(\$000'S)	(\$/TON)	(TON)	(TON)	(TON)
335 COMMUNICATIONS EQUIPMENT MFRS.....	0	0	.00	.0	.0	.0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	33	1	27.88	.0	.0	.0
338 MFRS OF ELECTRIC WIRE & CABLE.....	0	0	.00	.0	.0	.0
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	374	10	26.76	.0	.0	.0
17 NON-METALLIC MINERAL PRODUCTS IND.....	180,072	5,497	30.53	6.5	.1	.3
351 CLAY PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
352 CEMENT MFRS.....	147,791	4,232	28.63	112.8	1.2	2.0
353 STONE PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
354 CONCRETE PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
355 READY MIX CONCRETE MFRS.....	0	0	.00	.0	.0	.0
356 GLASS & GLASS PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
357 ABRASIVES MFRS.....	0	0	.00	.0	.0	.0
358 LIME MFRS.....	27,145	1,063	39.15	77.8	1.2	2.3
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	5,136	203	39.52	.9	.0	.0
18 PETROLEUM & COAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
365 PETROLEUM REFINERIES.....	0	0	.00	.0	.0	.0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	470	15	31.74	.0	.0	.0
372 MFRS OF MIXED FERTILIZERS.....	0	0	.00	.0	.0	.0
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(TON)	(\$000'S)	(\$/TON)	(TON)	(TON)	(TON)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	0	0	.00	.0	.0	.0
375 PAINT & VARNISH MFRS.....	0	0	.00	.0	.0	.0
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	0	0	.00	.0	.0	.0
377 MFRS OF TOILET PREPARATIONS.....	0	0	.00	.0	.0	.0
378 MFRS OF INDUSTRIAL CHEMICALS.....	470	15	31.74	.0	.0	.0
379 MISCELLANEOUS CHEMICAL IND.....	0	0	.00	.0	.0	.0
20 MISCELLANEOUS MANUFACTURING IND.....	0	0	.00	.0	.0	.0
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	0	0	.00	.0	.0	.0
392 JEWELLERY & SILVERWARE IND.....	0	0	.00	.0	.0	.0
393 SPORTING GOODS & TOY IND.....	0	0	.00	.0	.0	.0
397 SIGNS & DISPLAYS IND.....	0	0	.00	.0	.0	.0
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	0	0	.00	.0	.0	.0
ALL MANUFACTURING INDUSTRIES.....	530,999	22,080	41.58	.6	.0	.0

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 11
INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MWH)	(\$000'S)	(\$/MWH)	(KWH)	(KWH)	(KWH)
1 FOOD & BEVERAGE IND.....	1,491,428	21,073	14.13	17,240	223	663
101 MEAT & POULTRY PRODUCTS IND.....	256,400	3,527	13.76	16,718	163	755
102 FISH PRODUCTS IND.....	15,377	209	13.58	28,904	754	1,939
103 FRUIT & VEGETABLE PROCESSING IND.....	133,342	2,181	16.35	11,791	225	563
104 DAIRY PRODUCTS IND.....	184,123	2,954	16.04	19,179	204	922
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	113,106	1,454	12.86	41,829	388	1,156
106 FEED IND.....	78,839	1,346	17.07	22,034	183	831
107 BAKERY PRODUCTS IND.....	136,962	1,644	12.00	9,486	293	562
108 MISCELLANEOUS FOOD IND.....	365,030	4,839	13.26	21,874	238	702
109 BEVERAGE IND.....	208,249	2,919	14.01	16,902	238	410
2 TOBACCO PRODUCTS IND.....	65,904	888	13.47	19,293	138	403
151 LEAF TOBACCO PROCESSORS.....	22,468	310	13.79	19,369	94	1,013
153 TOBACCO PRODUCTS MFRS.....	43,436	578	13.31	19,254	183	307
3 RUBBER & PLASTICS PRODUCTS IND.....	718,963	10,855	15.10	21,320	553	1,104
162 RUBBER PRODUCTS IND.....	418,491	5,833	13.94	23,744	603	1,155
165 PLASTICS FABRICATING IND, N.E.S.....	300,472	5,022	16.71	18,665	496	1,039
4 LEATHER IND.....	68,238	1,212	17.76	5,402	219	457
172 LEATHER TANNERIES.....	31,154	519	16.65	15,711	394	906
174 SHOE FACTORIES.....	26,389	497	18.84	3,277	152	317
175 LEATHER GLOVE FACTORIES.....	833	19	22.21	2,472	119	239

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MWH)	(\$000'S)	(\$/MWH)	(KWH)	(KWH)	(KWH)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	9,862	178	18.01	4,370	189	350
5 TEXTILE IND.....	843,284	9,098	10.79	27,804	786	1,738
181 COTTON YARN & CLOTH MILLS.....	CONFIDENTIAL					
182 WOOL YARN & CLOTH MILLS.....	31,441	511	16.25	13,356	558	1,008
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	499,585	5,352	10.71	53,998	1,429	3,121
184 CORDAGE & TWINE IND.....	6,669	127	19.06	16,426	536	987
185 FELT & FIBRE PROCESSING MILLS.....	9,647	190	19.73	11,693	357	795
186 CARPET, MAT & RUG IND.....	CONFIDENTIAL					
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	3,667	72	19.64	2,593	98	222
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	39,865	578	14.49	8,393	178	397
189 MISCELLANEOUS TEXTILE IND.....	CONFIDENTIAL					
6 KNITTING MILLS.....	46,176	807	17.49	6,283	294	583
231 HOSIERY MILLS.....	9,652	193	19.98	4,988	252	450
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	36,524	615	16.83	6,746	307	633
7 CLOTHING IND.....	50,378	974	19.32	2,253	105	199
243 MEN'S CLOTHING IND.....	27,380	509	18.61	2,327	115	218
244 WOMEN'S CLOTHING IND.....	11,438	231	20.18	1,749	73	138
245 CHILDREN'S CLOTHING IND.....	CONFIDENTIAL					
246 FUR GOODS IND.....	1,188	24	20.47	2,110	55	127
248 FOUNDATION GARMENT IND.....	CONFIDENTIAL					

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

IC MAJOR CP & IND CP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MWH)	(\$000'S)	(\$/MWH)	(KWH)	(KWH)	(KWH)
49 MISCELLANEOUS CLOTHING IND.....	CONFIDENTIAL					
50 WOOD IND.....	272,406	4,909	18.02	14,126	427	906
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	117,896	2,182	18.51	21,656	655	1,376
252 VENEER & PLYWOOD MILLS.....	33,944	514	15.14	16,335	724	1,504
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	64,540	1,066	16.51	9,316	241	520
256 WOODEN BOX FACTORIES.....	11,807	261	22.13	5,050	167	358
258 COFFIN & CASKET IND.....	1,314	31	23.26	4,977	244	409
259 MISCELLANEOUS WOOD IND.....	42,905	855	19.93	19,223	634	1,345
60 FURNITURE & FIXTURE IND.....	122,856	2,562	20.85	5,143	182	355
261 HOUSEHOLD FURNITURE MFRS.....	64,964	1,414	21.76	4,767	185	369
264 OFFICE FURNITURE MFRS.....	25,441	446	17.52	8,263	243	425
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	30,369	658	21.67	4,680	149	297
268 ELECTRIC LAMP & SHADE MFRS.....	2,082	44	21.16	3,000	129	256
10 PAPER & ALLIED IND.....	3,495,621	37,123	10.62	77,374	1,644	3,647
271 PULP & PAPER MILLS.....	3,185,886	32,483	10.20	152,347	3,089	6,324
272 ASPHALT ROOFING MFRS.....	13,446	203	15.09	40,257	466	1,124
273 PAPER BOX & BAG MFRS.....	165,682	2,373	14.32	13,394	288	750
274 MISCELLANEOUS PAPER CONVERTERS.....	130,607	2,064	15.80	11,296	266	589
11 PRINTING, PUBLISHING & ALLIED IND.....	233,363	4,469	19.15	4,920	162	248
286 COMMERCIAL PRINTING.....	143,642	2,601	18.11	6,227	199	334

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF
	(MWH)	(\$000'S)	(\$/MWH)	(KWH)	SHIPMENTS	VALUE ADDED
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	15,023	303	20.14	4,274	183	235
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	74,698	1,565	20.95	4,778	159	212
12 PRIMARY METAL IND.....	5,841,699	64,028	10.96	83,151	1,489	3,437
291 IRON & STEEL MILLS.....	3,574,661	38,260	10.70	88,031	1,431	3,292
292 STEEL PIPE & TUBE MILLS.....	97,645	1,489	15.25	31,397	362	1,266
294 IRON FOUNDRIES.....	327,941	5,291	16.13	43,569	1,151	2,056
295 SMELTING & REFINING.....	1,499,272	14,577	9.72	152,520	5,302	8,231
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	161,838	2,023	12.50	44,694	712	1,942
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...				CONFIDENTIAL		
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....				CONFIDENTIAL		
13 METAL FABRICATING IND.....	940,381	15,347	16.32	10,877	257	513
301 BOILER & PLATE WORKS.....	33,462	581	17.37	6,064	143	265
302 FABRICATED STRUCTURAL METAL IND.....	60,878	1,110	18.23	7,432	169	305
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	49,695	984	19.79	7,245	145	297
304 METAL STAMPING, PRESSING & COATING IND.....	229,195	3,962	17.29	12,098	246	556
305 WIRE & WIRE PRODUCTS MFRS.....	186,266	2,783	14.94	17,896	368	861
306 HARDWARE, TOOL & CUTLERY MFRS.....	135,004	2,025	15.00	9,849	353	555
307 HEATING EQUIPMENT MFRS.....	23,582	403	17.09	8,029	212	468
308 MACHINE SHOPS.....	19,623	442	22.52	4,665	176	257

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MWH)	(\$000'S)	(\$/MWH)	(KWH)	(KWH)	(KWH)
309 MISCELLANEOUS METAL FABRICATING IND.....	282,676	3,056	15.08	12,922	299	596
14 MACHINERY IND.....	513,125	8,048	15.68	9,121	205	456
311 AGRICULTURAL IMPLEMENTS IND.....	154,473	1,882	12.19	14,635	323	754
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	276,260	4,634	16.77	7,595	177	367
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	14,362	268	18.67	6,068	115	276
318 OFFICE & STORE MACHINERY MFRS.....	68,030	1,264	18.58	9,769	202	590
15 TRANSPORTATION EQUIPMENT IND.....	1,992,296	27,540	13.82	19,785	233	795
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	75,494	1,265	16.75	8,487	282	424
323 MOTOR VEHICLE MFRS.....	611,929	8,346	13.64	16,159	115	578
324 TRUCK BODY & TRAILER MFRS.....	36,463	670	18.37	7,272	160	384
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,172,484	15,885	13.55	28,652	516	1,192
326 RAILROAD ROLLING STOCK IND.....	64,121	843	13.15	14,740	194	530
327 SHIPBUILDING & REPAIR.....	27,070	427	15.78	11,714	311	506
328 BOATBUILDING & REPAIR.....				CONFIDENTIAL		
329 MISCELLANEOUS VEHICLE MFRS.....				CONFIDENTIAL		
16 ELECTRICAL PRODUCTS IND.....	788,643	11,778	14.93	9,494	255	510
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	42,476	744	17.51	6,978	191	457
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	87,579	1,386	15.82	11,159	249	649
333 MFRS OF LIGHTING FIXTURES.....	11,103	193	17.41	7,196	161	365
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	21,727	358	16.49	3,857	92	245

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR GP & IND GP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MWH)	(\$000'S)	(\$/MWH)	(KWH)	(KWH)	(KWH)
335 COMMUNICATIONS EQUIPMENT MFRS.....	176,741	2,439	13.80	7,173	214	349
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	209,539	3,073	14.67	9,418	298	519
338 MFRS OF ELECTRIC WIRE & CABLE.....	142,029	2,047	14.41	26,677	392	1,145
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	97,449	1,538	15.79	10,004	307	595
17 NON-METALLIC MINERAL PRODUCTS IND.....	1,814,836	21,162	11.66	65,712	1,492	2,668
351 CLAY PRODUCTS MFRS.....	78,665	1,279	16.26	26,345	903	1,294
352 CEMENT MFRS.....	513,830	5,475	10.66	392,237	4,334	6,946
353 STONE PRODUCTS MFRS.....	988	20	20.16	5,614	221	422
354 CONCRETE PRODUCTS MFRS.....	54,162	874	16.13	11,436	208	493
355 READY MIX CONCRETE MFRS.....	35,621	602	16.91	11,543	178	428
356 GLASS & GLASS PRODUCTS MFRS.....	319,121	3,736	11.71	41,661	1,099	1,806
357 ABRASIVES MFRS.....	623,343	6,343	10.18	329,637	7,260	16,748
358 LIME MFRS.....	39,909	516	12.93	114,352	1,795	3,379
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	149,197	2,317	15.53	27,507	682	1,200
18 PETROLEUM & COAL PRODUCTS IND.....	1,028,691	10,732	10.43	110,982	599	3,785
365 PETROLEUM REFINERIES.....	1,021,468	10,582	10.36	112,820	601	3,867
369 MISC PETROLEUM & COAL PRODUCTS IND.....	7,223	150	20.82	33,595	392	947
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	3,351,585	37,707	11.25	75,478	1,093	2,348
372 MFRS OF MIXED FERTILIZERS.....	8,629	175	20.24	14,406	125	509
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	116,443	1,494	12.83	55,449	597	1,630

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1975

SIC MAJOR CP & IND CP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF SHIPMENTS	\$1000 OF VALUE ADDED
	(MWH)	(\$000'S)	(\$/MWH)	(KWH)	(KWH)	(KWH)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	75,721	1,103	14.57	9,684	213	319
375 PAINT & VARNISH MFRS.....	45,096	725	16.07	10,345	180	401
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	97,811	1,157	11.83	18,828	265	598
377 MFRS OF TOILET PREPARATIONS.....	16,161	271	16.78	5,025	129	205
378 MFRS OF INDUSTRIAL CHEMICALS.....	2,867,461	30,835	10.75	220,744	2,418	5,475
379 MISCELLANEOUS CHEMICAL IND.....	124,263	1,948	15.68	15,290	241	557
20 MISCELLANEOUS MANUFACTURING IND.....	347,150	4,707	13.56	8,642	261	503
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	116,364	1,669	14.34	7,932	237	421
392 JEWELLERY & SILVERWARE IND.....	24,628	468	19.02	4,900	100	276
393 SPORTING GOODS & TOY IND.....	49,327	864	17.51	7,206	242	458
397 SIGNS & DISPLAYS IND.....	15,797	320	20.29	4,657	198	321
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	141,034	1,385	9.82	13,777	456	840
ALL MANUFACTURING INDUSTRIES.....	24,027,018	295,017	12.28	28,257	541	1,309

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 12

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
000 MILLION BTU							
1 FOOD & BEVERAGE IND.....	7,840	3,138.5	23,837	179.2	53.2	5,088.8	40,136
101 MEAT & POULTRY PRODUCTS IND.....	1,578	607.3	3,113	7.5	.0	874.8	6,181
102 FISH PRODUCTS IND.....	27	7.1	60	2.2	1.2	52.5	150
103 FRUIT & VEGETABLE PROCESSING IND.....	1,321	91.8	2,212	33.1	41.1	455.0	4,153
104 DAIRY PRODUCTS IND.....	1,368	818.7	2,094	57.5	6.5	628.2	4,972
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	102	19.2	693	2.3	1.4	385.9	1,204
106 FEED IND.....	397	292.0	964	24.3	.0	269.0	1,947
107 BAKERY PRODUCTS IND.....	330	519.6	1,942	15.3	.0	467.3	3,274
108 MISCELLANEOUS FOOD IND.....	1,510	326.5	7,277	22.1	3.0	1,245.5	10,385
109 BEVERAGE IND.....	1,206	456.5	5,482	14.9	.0	710.5	7,869
2 TOBACCO PRODUCTS IND.....	261	44.3	214	6.9	.0	224.9	752
151 LEAF TOBACCO PROCESSORS.....	228	6.8	102	6.9	.0	76.7	420
153 TOBACCO PRODUCTS MFRS.....	33	37.5	112	.0	.0	148.2	331
3 RUBBER & PLASTICS PRODUCTS IND.....	2,214	101.8	6,155	35.2	.0	2,453.1	10,959
162 RUBBER PRODUCTS IND.....	1,626	29.1	3,844	21.6	.0	1,427.9	6,948
165 PLASTICS FABRICATING IND, N.E.S.....	588	72.7	2,311	13.5	.0	1,025.2	4,010
4 LEATHER IND.....	432	15.2	982	10.4	.0	232.8	1,673
172 LEATHER TANNERIES.....	363	2.9	776	5.6	.0	106.3	1,254
174 SHOE FACTORIES.....	49	7.7	136	4.4	.0	90.0	287
175 LEATHER GLOVE FACTORIES.....	1	.3	13	.1	.0	2.8	17

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
	000 MILLION BTU						
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	19	4.3	58	.3	.0	33.6	115
5 TEXTILE IND.....	3,343	134.0	5,776	32.1	.0	2,877.3	12,162
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	90	3.6	408	.6	.0	107.3	609
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	2,747	7.2	3,016	7.8	.0	1,704.6	7,483
184 CORDAGE & TWINE IND.....				CONFIDENTIAL			
185 FELT & FIBRE PROCESSING MILLS.....	60	11.2	146	.9	.0	32.9	251
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	22	11.6	36	.6	.0	12.5	82
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	96	9.9	252	9.4	.0	136.0	503
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL			
6 KNITTING MILLS.....	298	9.3	606	1.5	.0	157.6	1,072
231 HOSIERY MILLS.....	41	2.7	138	.0	.0	32.9	215
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	257	6.5	468	1.5	.0	124.6	857
7 CLOTHING IND.....	155	32.7	246	.0	.0	171.9	606
243 MEN'S CLOTHING IND.....	109	17.2	123	.0	.0	93.4	342
244 WOMEN'S CLOTHING IND.....	12	6.1	48	.0	.0	39.0	105
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL			
246 FUR GOODS IND.....	4	2.1	2	.0	.0	4.1	12
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL			

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1975

SIC MAJOR GP & IND GP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
000 MILLION BTU							
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL			
8 WOOD IND.....	1,320	543.6	1,690	70.0	13.9	929.4	4,567
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	708	259.9	339	10.4	8.7	402.3	1,728
252 VENEER & PLYWOOD MILLS.....	130	27.1	414	3.7	3.3	115.8	694
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	221	167.6	281	10.0	1.3	220.2	901
256 WOODEN BOX FACTORIES.....	144	63.7	75	11.0	.0	40.3	335
258 COFFIN & CASKET IND.....	13	8.6	6	.1	.6	4.5	33
259 MISCELLANEOUS WOOD IND.....	104	16.6	574	34.8	.0	146.4	876
9 FURNITURE & FIXTURE IND.....	513	100.3	1,262	15.7	5.9	419.2	2,316
261 HOUSEHOLD FURNITURE MFRS.....	308	55.8	523	10.3	5.9	221.7	1,125
264 OFFICE FURNITURE MFRS.....	42	2.2	309	5.1	.0	86.8	445
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	155	41.0	410	.3	.0	103.6	710
268 ELECTRIC LAMP & SHADE MFRS.....	7	1.3	20	.0	.0	7.1	36
10 PAPER & ALLIED IND.....	9,388	219.8	34,653	110.3	5,575.2	11,927.1	61,874
271 PULP & PAPER MILLS.....	8,705	50.4	31,476	51.2	5,516.0	10,870.2	56,669
272 ASPHALT ROOFING MFRS.....	106	3.8	208	1.4	.0	45.9	365
273 PAPER BOX & BAG MFRS.....	264	110.5	1,493	36.0	59.2	565.3	2,528
274 MISCELLANEOUS PAPER CONVERTERS.....	313	55.0	1,476	21.7	.0	445.6	2,311
11 PRINTING, PUBLISHING & ALLIED IND.....	325	310.3	1,250	3.6	.6	796.2	2,686
286 COMMERCIAL PRINTING.....	232	107.9	859	3.5	.0	490.1	1,693

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
				000 MILLION BTU			
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	19	30.1	81	.0	.0	51.3	182
288 PUBLISHING ONLY.....	0	.0	0	.0	.0	.0	0
289 PUBLISHING & PRINTING.....	74	172.3	310	.1	.6	254.9	811
12 PRIMARY METAL IND.....	20,125	337.3	56,169	145.9	1,805.5	19,931.9	98,514
291 IRON & STEEL MILLS.....	11,474	173.1	36,330	24.2	5.3	12,196.7	60,203
292 STEEL PIPE & TUBE MILLS.....	169	16.6	1,466	4.0	.0	333.2	1,988
294 IRON FOUNDRIES.....	338	28.3	1,656	27.4	144.9	1,110.9	3,314
295 SMELTING & REFINING.....	7,113	36.3	13,330	17.0	1,522.3	5,115.5	27,133
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	447	25.4	1,051	19.9	.0	552.2	2,095
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...				CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....				CONFIDENTIAL			
13 METAL FABRICATING IND.....	1,946	734.3	12,900	228.9	2.2	3,208.6	19,020
301 BOILER & PLATE WORKS.....	112	24.2	326	5.5	.0	114.2	582
302 FABRICATED STRUCTURAL METAL IND.....	157	135.6	537	22.3	.0	207.7	1,060
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	110	110.0	531	15.0	.0	169.6	936
304 METAL STAMPING, PRESSING & COATING IND.....	343	180.9	4,093	48.2	.0	782.0	5,447
305 WIRE & WIRE PRODUCTS MFRS.....	85	33.6	2,498	46.7	.0	635.5	3,298
306 HARDWARE, TOOL & CUTLERY MFRS.....	181	70.0	1,025	22.2	.0	460.6	1,759
307 HEATING EQUIPMENT MFRS.....	15	24.7	410	7.9	.0	80.5	537
308 MACHINE SHOPS.....	72	58.0	129	2.5	.3	67.0	329

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
	000 MILLION BTU						
309 MISCELLANEOUS METAL FABRICATING IND.....	870	97.2	3,352	58.7	1.9	691.5	5,071
14 MACHINERY IND.....	876	283.0	5,306	84.7	7.5	1,750.8	8,308
311 AGRICULTURAL IMPLEMENTS IND.....	382	57.7	1,894	26.5	.0	527.1	2,887
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	443	133.7	2,846	57.0	7.5	942.6	4,430
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS....	20	11.4	215	1.0	.0	49.0	296
318 OFFICE & STORE MACHINERY MFRS.....	31	80.2	352	.2	.0	232.1	695
15 TRANSPORTATION EQUIPMENT IND.....	5,818	1,071.7	13,542	201.4	1,256.6	6,797.7	28,687
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	458	17.3	399	.4	.0	257.6	1,132
323 MOTOR VEHICLE MFRS.....	3,862	701.3	4,090	59.3	1,214.0	2,087.9	12,014
324 TRUCK BODY & TRAILER MFRS.....	80	60.6	532	14.4	.0	124.4	812
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,180	241.1	7,649	119.1	42.0	4,000.5	13,232
326 RAILROAD ROLLING STOCK IND.....	202	17.3	708	5.0	.4	218.8	1,151
327 SHIPBUILDING & REPAIR.....	25	21.5	98	2.1	.1	92.4	239
328 BOATBUILDING & REPAIR.....	11	11.1	64	1.0	.0	14.7	102
329 MISCELLANEOUS VEHICLE MFRS.....	0	1.4	3	.0	.0	1.5	5
16 ELECTRICAL PRODUCTS IND.....	1,592	125.9	5,614	75.2	10.1	2,690.8	10,108
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	58	11.2	416	1.0	.0	144.9	632
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	226	2.0	1,203	32.3	.0	298.8	1,762
333 MFRS OF LIGHTING FIXTURES.....	13	11.9	123	.9	.0	37.9	186
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	43	1.1	105	3.2	.0	74.1	226

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1975

SIC MAJOR GP & IND GP	FUEL		NATURAL		COAL	ELECTRICITY	TOTAL
	OIL	GASOLINE	GAS	L.P.G.			
000 MILLION BTU							
335 COMMUNICATIONS EQUIPMENT MFRS.....	315	26.5	663	3.4	.0	603.0	1,611
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	637	26.0	1,526	16.1	.8	714.9	2,921
338 MFRS OF ELECTRIC WIRE & CABLE.....	139	11.2	878	14.3	.0	484.6	1,527
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	163	36.0	700	3.9	9.3	332.5	1,245
17 NON-METALLIC MINERAL PRODUCTS IND.....	10,119	582.3	34,216	101.8	4,486.1	6,192.2	55,698
351 CLAY PRODUCTS MFRS.....	268	42.8	4,465	7.8	.0	268.4	5,052
352 CEMENT MFRS.....	6,258	9.7	9,058	2.0	3,681.9	1,753.2	20,763
353 STONE PRODUCTS MFRS.....					CONFIDENTIAL		
354 CONCRETE PRODUCTS MFRS.....	720	250.7	1,195	26.7	.0	184.8	2,378
355 READY MIX CONCRETE MFRS.....	1,220	188.1	264	1.8	.0	121.5	1,795
356 GLASS & GLASS PRODUCTS MFRS.....	42	23.5	10,025	26.5	.0	1,008.8	11,205
357 ABRASIVES MFRS.....	45	8.8	329	1.2	.0	2,126.8	2,511
358 LIME MFRS.....	311	7.8	4,956	.0	676.3	136.2	6,007
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....					CONFIDENTIAL		
18 PETROLEUM & COAL PRODUCTS IND.....	329	28.9	5,567	1.0	.0	3,509.9	9,436
365 PETROLEUM REFINERIES.....	106	15.0	5,366	.0	.0	3,485.2	8,972
369 MISC PETROLEUM & COAL PRODUCTS IND.....	224	13.9	201	1.0	.0	24.6	464
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	25,691	419.9	54,697	189.7	11.7	11,435.6	92,445
372 MFRS OF MIXED FERTILIZERS.....	12	44.8	31	5.7	.0	29.4	123
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	786	9.8	1,359	2.4	.0	397.3	2,555

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1975

SIC MAJOR CP & IND CP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
	000 MILLION BTU						
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	162	78.2	690	.8	.0	258.4	1,190
375 PAINT & VARNISH MFRS.....	312	28.6	304	5.2	.0	153.9	804
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	1,518	19.5	1,087	12.5	.0	333.7	2,970
377 MFRS OF TOILET PREPARATIONS.....	110	.2	185	.0	.0	55.1	350
378 MFRS OF INDUSTRIAL CHEMICALS.....	21,551	142.0	49,434	154.3	11.7	9,783.8	81,077
379 MISCELLANEOUS CHEMICAL IND.....	1,241	96.7	1,605	8.8	.0	424.0	3,376
20 MISCELLANEOUS MANUFACTURING IND.....	934	237.6	2,346	20.4	.0	1,184.5	4,723
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	564	61.1	306	4.8	.0	397.0	1,413
392 JEWELLERY & SILVERWARE IND.....	28	9.5	232	.3	.0	84.0	354
393 SPORTING GOODS & TOY IND.....	124	39.6	534	5.6	.0	160.3	871
397 SIGNS & DISPLAYS IND.....	30	77.5	222	5.3	.0	53.9	389
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	188	49.9	972	4.4	.0	481.2	1,696
ALL MANUFACTURING INDUSTRIES.....	93,520	8,470.7	267,027	1,513.9	13,228.7	81,980.2	465,744

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 13

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR CP & IND CP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES	VALUE ADDED IN MANUFACTURING	CONSUMPTION OF FUEL AND ELECTRICITY	NET INVENTORY CHANGE	VALUE OF SHIPMENTS OF OWN MANUFACTURE
	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)
1 FOOD & BEVERAGE IND.....	4,420,330	2,240,599	73,582	44,565	6,697,946
101 MEAT & POULTRY PRODUCTS IND.....	1,224,693	339,806	12,065	-871	1,577,435
102 FISH PRODUCTS IND.....	12,107	7,930	376	15	20,398
103 FRUIT & VEGETABLE PROCESSING IND.....	369,305	236,956	7,157	19,502	593,915
104 DAIRY PRODUCTS IND.....	693,561	199,619	11,087	3,709	900,558
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	195,619	97,804	2,470	-1,886	297,779
106 FEED IND.....	333,043	94,879	4,505	1,130	431,297
107 BAKERY PRODUCTS IND.....	218,036	243,861	6,885	635	468,146
108 MISCELLANEOUS FOOD IND.....	997,520	519,794	16,757	-145	1,534,216
109 BEVERAGE IND.....	376,446	507,949	12,281	22,475	874,201
2 TOBACCO PRODUCTS IND.....	352,681	163,675	1,739	40,754	477,341
151 LEAF TOBACCO PROCESSORS.....	256,025	22,190	785	39,597	239,403
153 TOBACCO PRODUCTS MFRS.....	96,655	141,485	954	1,157	237,937
3 RUBBER & PLASTICS PRODUCTS IND.....	630,833	651,419	21,858	3,309	1,300,801
162 RUBBER PRODUCTS IND.....	320,951	362,240	12,571	1,314	694,449
165 PLASTICS FABRICATING IND, N.E.S.....	309,882	289,179	9,287	1,995	606,352
4 LEATHER IND.....	160,074	149,199	2,879	220	311,931
172 LEATHER TANNERIES.....	44,112	34,379	1,736	1,080	79,146
174 SHOE FACTORIES.....	88,692	83,153	803	-956	173,605
175 LEATHER GLOVE FACTORIES.....	3,329	3,493	38	-114	6,973

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR CP & IND CP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES	VALUE ADDED IN MANUFACTURING	CONSUMPTION OF FUEL AND ELECTRICITY	NET INVENTORY CHANGE	VALUE OF SHIPMENTS OF OWN MANUFACTURE
	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	23,940	28,174	303	210	52,207
5 TEXTILE IND.....	570,344	485,099	21,149	3,703	1,072,089
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	25,080	31,200	1,110	1,000	56,390
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	180,599	160,069	12,524	3,601	349,591
184 CORDAGE & TWINE IND.....	6,559	6,759	159	1,025	12,451
185 FELT & FIBRE PROCESSING MILLS.....	14,586	12,141	507	200	27,033
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	20,640	16,505	201	2	37,344
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	121,543	100,400	1,173	-848	223,964
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL		
6 KNITTING MILLS.....	76,709	79,185	2,135	742	157,286
231 HOSIERY MILLS.....	16,056	21,469	450	417	38,357
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	59,853	57,716	1,685	325	118,929
7 CLOTHING IND.....	229,419	253,261	1,725	2,486	481,919
243 MEN'S CLOTHING IND.....	112,789	125,793	973	1,600	237,956
244 WOMEN'S CLOTHING IND.....	73,423	82,874	343	724	155,916
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL		
246 FUR GOODS IND.....	12,450	9,321	41	80	21,733
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL		

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES	VALUE ADDED IN MANUFACTURING	CONSUMPTION OF FUEL AND ELECTRICITY	NET INVENTORY CHANGE	VALUE OF SHIPMENTS OF OWN MANUFACTURE
	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL		
8 WOOD IND.....	340,021	300,512	12,975	15,068	638,441
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	101,059	85,680	5,796	12,491	180,044
252 VENEER & PLYWOOD MILLS.....	23,949	22,575	1,326	975	46,875
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	141,280	124,174	2,634	187	267,901
256 WOODEN BOX FACTORIES.....	36,634	32,968	954	26	70,530
258 COFFIN & CASKET IND.....	2,275	3,216	113	221	5,382
259 MISCELLANEOUS WOOD IND.....	34,824	31,899	2,153	1,168	67,700
9 FURNITURE & FIXTURE IND.....	320,035	346,396	5,681	-4,068	676,180
261 HOUSEHOLD FURNITURE MFRS.....	170,904	176,184	2,973	-1,222	351,283
264 OFFICE FURNITURE MFRS.....	44,455	59,819	939	665	104,548
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	96,833	102,248	1,678	-3,498	204,257
268 ELECTRIC LAMP & SHADE MFRS.....	7,844	8,145	91	-14	16,093
10 PAPER & ALLIED IND.....	1,064,969	958,517	93,261	-9,694	2,126,441
271 PULP & PAPER MILLS.....	440,049	503,784	82,775	-4,601	1,031,210
272 ASPHALT ROOFING MFRS.....	15,855	11,963	799	-243	28,860
273 PAPER BOX & BAG MFRS.....	344,774	220,932	5,187	-4,111	575,004
274 MISCELLANEOUS PAPER CONVERTERS.....	264,291	221,838	4,500	-739	491,367
11 PRINTING, PUBLISHING & ALLIED IND.....	496,316	942,867	8,275	3,656	1,443,003
286 COMMERCIAL PRINTING.....	290,495	429,987	4,829	2,134	723,177

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES	VALUE ADDED IN MANUFACTURING	CONSUMPTION OF FUEL AND ELECTRICITY	NET INVENTORY CHANGE	VALUE OF SHIPMENTS OF MANUFACTURE
	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	17,826	64,049	566	290	82,151
288 PUBLISHING ONLY.....	73,779	95,696	0	1,483	167,992
289 PUBLISHING & PRINTING.....	114,217	353,134	2,880	-252	470,482
12 PRIMARY METAL IND.....	2,159,144	1,699,613	162,914	101,897	3,922,169
291 IRON & STEEL MILLS.....	1,408,707	1,085,833	95,470	91,178	2,498,832
292 STEEL PIPE & TUBE MILLS.....	193,580	77,156	3,198	3,996	269,938
294 IRON FOUNDRIES.....	116,344	159,481	8,784	-348	284,957
295 SMELTING & REFINING.....	55,432	182,146	45,222	2,395	282,800
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	145,717	83,338	4,041	5,923	227,172
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL		
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL		
13 METAL FABRICATING IND.....	1,819,122	1,831,380	37,444	29,182	3,658,764
301 BOILER & PLATE WORKS.....	119,269	126,101	1,396	13,276	233,490
302 FABRICATED STRUCTURAL METAL IND.....	156,188	199,680	3,004	-941	359,813
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	175,575	167,226	2,544	2,020	343,325
304 METAL STAMPING, PRESSING & COATING IND.....	511,449	411,884	10,020	1,532	931,821
305 WIRE & WIRE PRODUCTS MFRS.....	287,771	216,433	6,071	3,458	506,817
306 HARDWARE, TOOL & CUTLERY MFRS.....	137,235	243,144	3,839	1,278	382,940
307 HEATING EQUIPMENT MFRS.....	57,255	50,356	1,022	-2,433	111,066
308 MACHINE SHOPS.....	34,853	76,378	1,031	457	111,805

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

IC MAJOR CP & IND CP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES	VALUE ADDED IN MANUFACTURING	CONSUMPTION OF FUEL AND ELECTRICITY	NET INVENTORY CHANGE	VALUE OF SHIPMENTS OF OWN MANUFACTURE
	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)
09 MISCELLANEOUS METAL FABRICATING IND.....	339,525	340,170	8,518	10,534	677,687
14 MACHINERY IND.....	1,391,089	1,125,249	16,955	35,619	2,497,674
11 AGRICULTURAL IMPLEMENTS IND.....	278,541	204,844	4,741	9,435	478,691
15 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	821,287	753,052	9,451	26,222	1,557,569
16 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	76,773	51,982	646	4,099	125,303
18 OFFICE & STORE MACHINERY MFRS.....	214,488	115,370	2,116	-4,137	336,112
15 TRANSPORTATION EQUIPMENT IND.....	5,950,303	2,507,606	58,576	-19,048	8,535,533
21 AIRCRAFT & AIRCRAFT PARTS MFRS.....	86,933	170,216	2,647	-284	268,079
23 MOTOR VEHICLE MFRS.....	4,188,838	1,058,652	22,537	-36,149	5,306,175
24 TRUCK BODY & TRAILER MFRS.....	131,663	95,005	1,737	639	227,766
25 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,257,844	983,273	20,600	-3,270	2,272,987
26 RAILROAD ROLLING STOCK IND.....	226,019	121,070	2,005	10,368	330,807
27 SHIPBUILDING & REPAIR.....	34,318	53,548	694	1,645	86,914
28 BOATBUILDING & REPAIR.....			CONFIDENTIAL		
29 MISCELLANEOUS VEHICLE MFRS.....			CONFIDENTIAL		
16 ELECTRICAL PRODUCTS IND.....	1,466,247	1,545,145	21,633	-56,747	3,009,772
31 MFRS OF SMALL ELECTRICAL APPLIANCES.....	118,603	92,954	1,431	-9,322	222,309
32 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	201,565	134,949	3,207	-12,710	352,431
33 MFRS OF LIGHTING FIXTURES.....	38,320	30,385	401	56	69,050
34 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	124,932	88,602	606	-22,567	236,707

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR CP & IND CP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES	VALUE ADDED IN MANUFACTURING	CONSUMPTION OF FUEL AND ELECTRICITY	NET INVENTORY CHANGE	VALUE OF SHIPMENT OF OWN MANUFACTURE
	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)
335 COMMUNICATIONS EQUIPMENT MFRS.....	307,885	506,654	3,866	-7,957	826,360
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	289,960	403,731	6,018	-3,592	703,380
338 MFRS OF ELECTRIC WIRE & CABLE.....	232,904	124,026	3,262	-1,091	362,000
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	152,079	163,844	2,842	1,235	317,530
17 NON-METALLIC MINERAL PRODUCTS IND.....	467,154	680,280	80,539	11,724	1,216,240
351 CLAY PRODUCTS MFRS.....	22,915	60,797	6,561	3,141	87,130
352 CEMENT MFRS.....	20,009	73,971	26,324	1,734	118,570
353 STONE PRODUCTS MFRS.....	2,060	2,343	55	-13	4,470
354 CONCRETE PRODUCTS MFRS.....	74,600	109,899	5,050	1,316	188,310
355 READY MIX CONCRETE MFRS.....	112,392	83,154	5,042	210	200,370
356 GLASS & GLASS PRODUCTS MFRS.....	100,599	176,746	14,115	1,018	290,440
357 ABRASIVES MFRS.....	42,624	37,220	6,835	814	85,860
358 LIME MFRS.....	3,363	11,812	7,031	-25	22,230
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	88,502	124,339	9,527	3,530	218,830
18 PETROLEUM & COAL PRODUCTS IND.....	1,460,973	271,751	17,866	32,019	1,718,570
365 PETROLEUM REFINERIES.....	1,451,061	264,127	16,958	32,002	1,700,140
369 MISC PETROLEUM & COAL PRODUCTS IND.....	9,912	7,624	908	18	18,430
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	1,547,743	1,427,231	140,578	47,962	3,067,550
372 MFRS OF MIXED FERTILIZERS.....	52,272	16,964	454	544	69,140
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	121,349	71,440	4,311	2,094	195,000

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES	VALUE ADDED IN MANUFACTURING	CONSUMPTION OF FUEL AND ELECTRICITY	NET INVENTORY CHANGE	VALUE OF SHIPMENTS OF OWN MANUFACTURE
	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)	(\$000'S)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	125,591	237,221	2,529	9,642	355,699
375 PAINT & VARNISH MFRS.....	136,764	112,551	1,780	841	250,255
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	209,029	163,477	3,825	6,842	369,408
377 MFRS OF TOILET PREPARATIONS.....	46,320	78,862	669	445	125,405
378 MFRS OF INDUSTRIAL CHEMICALS.....	564,172	523,776	120,803	22,676	1,186,075
379 MISCELLANEOUS CHEMICAL IND.....	292,245	222,941	6,208	4,878	516,516
20 MISCELLANEOUS MANUFACTURING IND.....	636,569	690,826	9,732	5,606	1,331,521
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	221,757	276,608	3,241	10,016	491,591
392 JEWELLERY & SILVERWARE IND.....	158,615	89,236	800	1,392	247,259
393 SPORTING GOODS & TOY IND.....	90,184	107,800	1,816	-4,050	203,849
397 SIGNS & DISPLAYS IND.....	30,175	49,219	926	494	79,826
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	135,837	167,962	2,950	-2,246	308,996
ALL MANUFACTURING INDUSTRIES.....	25,560,068	18,357,804	791,496	288,955	44,422,806

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 14

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
1 FOOD & BEVERAGE IND.....	1,550	86,500	939,179	10,857
101 MEAT & POULTRY PRODUCTS IND.....	200	15,337	180,232	11,751
102 FISH PRODUCTS IND.....	12	532	5,703	10,719
103 FRUIT & VEGETABLE PROCESSING IND.....	122	11,309	101,239	8,952
104 DAIRY PRODUCTS IND.....	107	9,600	103,421	10,773
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	22	2,704	33,172	12,260
106 FEED IND.....	215	3,570	36,261	10,134
107 BAKERY PRODUCTS IND.....	519	14,439	140,000	9,701
108 MISCELLANEOUS FOOD IND.....	149	16,680	176,495	10,576
109 BEVERAGE IND.....	116	12,321	162,576	13,195
2 TOBACCO PRODUCTS IND.....	10	3,416	39,146	11,460
151 LEAF TOBACCO PROCESSORS.....	5	1,160	9,463	8,150
153 TOBACCO PRODUCTS MFRS.....	5	2,256	29,683	13,157
3 RUBBER & PLASTICS PRODUCTS IND.....	401	33,723	345,900	10,260
162 RUBBER PRODUCTS IND.....	66	17,625	199,871	11,340
165 PLASTICS FABRICATING IND, N.E.S.:.....	335	16,098	146,117	9,077
4 LEATHER IND.....	161	12,631	98,313	7,783
172 LEATHER TANNERIES.....	14	1,903	19,818	9,994
174 SHOE FACTORIES.....	65	8,054	58,606	7,277
175 LEATHER GLOVE FACTORIES.....	11	337	2,712	8,047

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL	AVERAGE ANNUAL WAGE
			(\$000'S)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS....	71	2,257	17,177	7,611
5 TEXTILE IND.....	385	30,330	280,154	9,237
181 COTTON YARN & CLOTH MILLS.....	9	CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	16	2,354	18,326	7,785
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	42	9,252	92,850	10,036
184 CORDAGE & TWINE IND.....	8	406	3,284	8,089
185 FELT & FIBRE PROCESSING MILLS.....	22	825	7,279	8,823
186 CARPET, MAT & RUG IND.....	16	CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	76	1,414	10,402	7,356
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	13	4,750	55,949	11,779
189 MISCELLANEOUS TEXTILE IND.....	183	CONFIDENTIAL		
6 KNITTING MILLS.....	84	7,349	53,454	7,274
231 HOSIERY MILLS.....	28	1,935	14,106	7,290
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	56	5,414	39,347	7,268
7 CLOTHING IND.....	435	22,360	163,261	7,301
243 MEN'S CLOTHING IND.....	136	11,767	83,113	7,063
244 WOMEN'S CLOTHING IND.....	153	6,538	50,083	7,660
245 CHILDREN'S CLOTHING IND.....	23	CONFIDENTIAL		
246 FUR GOODS IND.....	80	563	4,767	8,467
248 FOUNDATION GARMENT IND.....	9	CONFIDENTIAL		

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
249 MISCELLANEOUS CLOTHING IND.....	34	CONFIDENTIAL		
8 WOOD IND.....	726	19,284	185,822	9,636
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	240	5,444	54,694	10,047
252 VENEER & PLYWOOD MILLS.....	21	2,078	17,986	8,656
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	293	6,928	69,012	9,961
256 WOODEN BOX FACTORIES.....	90	2,338	21,899	9,367
258 COFFIN & CASKET IND.....	9	264	2,219	8,405
259 MISCELLANEOUS WOOD IND.....	73	2,232	20,012	8,966
9 FURNITURE & FIXTURE IND.....	785	23,890	217,244	9,094
261 HOUSEHOLD FURNITURE MFRS.....	551	13,628	115,550	8,479
264 OFFICE FURNITURE MFRS.....	38	3,079	32,163	10,446
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	171	6,489	64,602	9,956
268 ELECTRIC LAMP & SHADE MFRS.....	25	694	4,929	7,102
10 PAPER & ALLIED IND.....	302	45,178	497,083	11,003
271 PULP & PAPER MILLS.....	37	20,912	233,645	11,173
272 ASPHALT ROOFING MFRS.....	4	334	3,751	11,231
273 PAPER BOX & BAG MFRS.....	145	12,370	133,996	10,832
274 MISCELLANEOUS PAPER CONVERTERS.....	116	11,562	125,690	10,871
11 PRINTING, PUBLISHING & ALLIED IND.....	1,588	47,429	538,561	11,355
286 COMMERCIAL PRINTING.....	921	23,067	259,965	11,270

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND...	202	3,515	45,428	12,924
288 PUBLISHING ONLY.....	229	5,212	50,619	9,712
289 PUBLISHING & PRINTING.....	236	15,635	182,549	11,676
12 PRIMARY METAL IND.....	201	70,254	948,243	13,497
291 IRON & STEEL MILLS.....	18	40,607	590,185	14,534
292 STEEL PIPE & TUBE MILLS.....	12	3,110	41,683	13,403
294 IRON FOUNDRIES.....	55	7,527	84,304	11,200
295 SMELTING & REFINING.....	9	9,830	126,004	12,818
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	34	3,621	45,775	12,642
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING....	28	CONFIDENTIAL		
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....	45	CONFIDENTIAL		
13 METAL FABRICATING IND.....	2,070	86,457	1,013,710	11,725
301 BOILER & PLATE WORKS.....	41	5,518	80,229	14,540
302 FABRICATED STRUCTURAL METAL IND.....	70	8,191	121,459	14,828
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	248	6,859	81,186	11,836
304 METAL STAMPING, PRESSING & COATING IND.....	404	10,945	214,391	11,316
305 WIRE & WIRE PRODUCTS MFRS.....	164	10,408	122,181	11,739
306 HARDWARE, TOOL & CUTLERY MFRS.....	454	13,708	147,177	10,737
307 HEATING EQUIPMENT MFRS.....	55	2,937	31,400	10,718
308 MACHINE SHOPS.....	344	4,206	49,061	11,664

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	290	15,685	166,547	10,618
14 MACHINERY IND.....	606	56,260	666,610	11,849
311 AGRICULTURAL IMPLEMENTS IND.....	51	10,555	146,581	13,887
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	501	36,374	406,384	11,172
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	23	2,367	29,355	12,402
318 OFFICE & STORE MACHINERY MFRS.....	31	6,964	84,290	12,104
15 TRANSPORTATION EQUIPMENT IND.....	392	100,695	1,337,683	13,285
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	36	8,895	111,157	12,497
323 MOTOR VEHICLE MFRS.....	11	37,870	559,155	14,765
324 TRUCK BODY & TRAILER MFRS.....	79	5,014	55,051	10,980
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	179	40,921	515,073	12,587
326 RAILROAD ROLLING STOCK IND.....	7	4,350	59,286	13,629
327 SHIPBUILDING & REPAIR.....	11	2,311	26,208	11,341
328 BOATBUILDING & REPAIR.....	60	CONFIDENTIAL		
329 MISCELLANEOUS VEHICLE MFRS.....	9	CONFIDENTIAL		
16 ELECTRICAL PRODUCTS IND.....	487	83,065	893,717	10,759
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	40	6,087	56,242	9,240
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	22	7,848	83,903	10,691
333 MFRS OF LIGHTING FIXTURES.....	30	1,543	14,437	9,357
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	14	5,633	54,882	9,743

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	160	24,641	268,693	10,904
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	111	22,248	259,411	11,660
338 MFRS OF ELECTRIC WIRE & CABLE.....	18	5,324	62,633	11,764
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	92	9,741	93,514	9,600
17 NON-METALLIC MINERAL PRODUCTS IND.....	489	27,618	335,631	12,153
351 CLAY PRODUCTS MFRS.....	53	2,986	30,481	10,208
352 CEMENT MFRS.....	7	1,310	18,733	14,300
353 STONE PRODUCTS MFRS.....	19	176	1,532	8,705
354 CONCRETE PRODUCTS MFRS.....	183	4,736	56,596	11,950
355 READY MIX CONCRETE MFRS.....	120	3,086	41,251	13,367
356 GLASS & GLASS PRODUCTS MFRS.....	43	7,660	89,690	11,709
357 ABRASIVES MFRS.....	15	1,891	21,724	11,488
358 LIME MFRS.....	6	349	3,977	11,396
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	43	5,424	71,647	13,209
18 PETROLEUM & COAL PRODUCTS IND.....	31	9,269	169,527	18,290
365 PETROLEUM REFINERIES.....	15	9,054	166,546	18,395
369 MISC PETROLEUM & COAL PRODUCTS IND.....	16	215	2,981	13,864
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	538	44,405	565,783	12,741
372 MFRS OF MIXED FERTILIZERS.....	41	599	6,212	10,371
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	30	2,100	29,422	14,010

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1975

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	76	7,819	86,690	11,087
375 PAINT & VARNISH MFRS.....	65	4,359	50,802	11,654
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	45	5,195	70,460	13,563
377 MFRS OF TOILET PREPARATIONS.....	34	3,216	29,290	9,108
378 MFRS OF INDUSTRIAL CHEMICALS.....	61	12,990	198,428	15,275
379 MISCELLANEOUS CHEMICAL IND.....	186	8,127	94,480	11,625
20 MISCELLANEOUS MANUFACTURING IND.....	1,004	40,170	383,942	9,558
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	324	14,670	158,436	10,800
392 JEWELLERY & SILVERWARE IND.....	125	5,026	45,048	8,963
393 SPORTING GOODS & TOY IND.....	107	6,845	57,933	8,464
397 SIGNS & DISPLAYS IND.....	193	3,392	34,246	10,096
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	255	10,237	88,280	8,624
ALL MANUFACTURING INDUSTRIES.....	12,245	850,291	9,673,048	11,376

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.



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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1976



Ministry of
Treasury and
Economics

Central
Statistical
Services

January 1979

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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1976



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PREFACE

Consumption of Fuel and Electricity by Ontario Manufacturing Industries is an annual publication. This 1979 issue, the sixth in a series, covers an extensive range of data on energy use in the Ontario manufacturing sector. The data presented are based on the Annual Census of Manufactures for 1976, the latest year for which detailed figures are available.

The publication is intended to provide an important basis for economic analysis and policy development. It contains a brief introductory section which outlines the highlights of the data. The main body of this report consists of 14 tables. These comprise aggregations at 2 digit major group and 3 digit industry group levels, representing data on energy use, production statistics and related ratios.

The Explanatory Text contains a table of factors for converting various fuel quantities into BTU (British Thermal Unit) and/or kWh (kilowatt-hour) equivalents. These factors have been applied for calculating the figures in Table 12.

An introduction of a new Table L presents some of the latest available comparative statistics between Ontario, Canada and the other provinces.

January 1979

EXPLANATORY TEXT

ENERGY CONSUMED

In this publication, energy consumed is defined as fuel and electricity purchased and consumed. The data do not represent total energy consumption by the manufacturing industries. For example, in certain industries where coal and coke and/or natural gas etc., are used as a catalyst, this type of energy is included in manufacturing materials and supplies. Furthermore, it should be noted that energy generated by establishments from their own facilities is not included in this publication.

This definition should be borne in mind when considering the tables on natural gas and coal appearing on pages 50 and 56 and pages 64 and 70.

DIRECT ENERGY REQUIREMENTS

For the purpose of this publication, the term Direct Energy Requirements is used interchangeably with Energy Consumed.

CONFIDENTIALITY OF DATA

Central Statistical Services is prohibited by law from publishing any statistics which would divulge information relating to any individual company in the Annual Census of Manufactures. In collaboration with Statistics Canada and the other Provinces, it is frequently necessary to suppress any information that may create residual disclosure, at the national and/or provincial levels. In such cases, all suppressed data are marked as "CONFIDENTIAL".

SIC

SIC refers to the Standard Industrial Classification. The classification of industries used in this publication is based on the Standard Industrial Classification Manual (revised 1970 edition Catalogue Number 12-501) published by Statistics Canada.

CONVERSION TABLE

In order to provide a common measure when comparing energy statistics, we have included the following table which gives the conversion factors for converting various fuels into BTU (British Thermal Unit) equivalents and/or kWh (Kilowatt-hour) equivalents:

Fuel Type	Natural Unit	Heat Equivalents	
		BTU Million	kWh
Coal	Short Ton	24.9128	7,302
Natural Gas	Cubic Foot	0.0010	0.2931
Gasoline	Canadian Gallon	0.1492	44
Fuel Oil	Canadian Gallon	0.1769	52
Liquid Petroleum Gas	Canadian Gallon	0.1170	34
Electricity	Kilowatt-Hour	0.003412	-

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ENERGY USED BY ONTARIO MANUFACTURING

The total value of energy consumed by Ontario manufacturing industries in 1976 exceeded \$1,065 million; an increase of 34.6 per cent over the previous year.

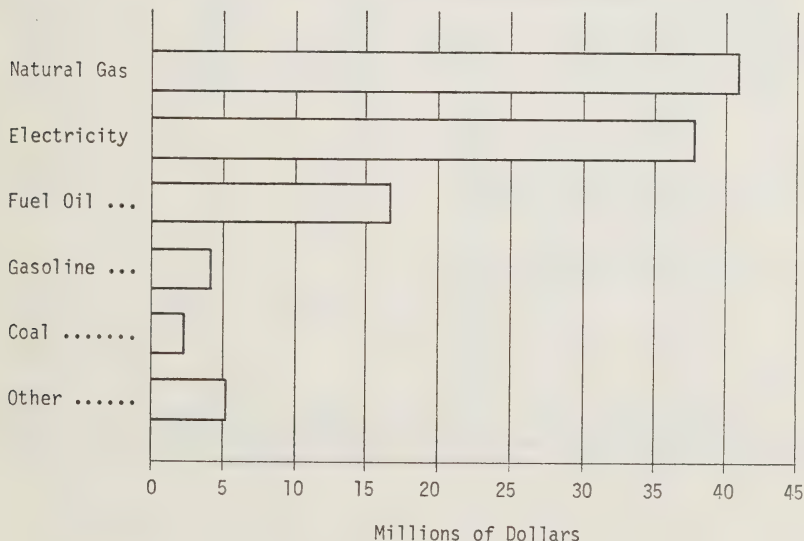
The type of energy used by Ontario manufacturing industries is outlined in the following table and chart:

Table A

Expenditure on Energy by Ontario Manufacturing Industries, 1976

	<u>\$ Million</u>	<u>Percent</u>
Natural Gas	409.8	38.5
Electricity	376.7	35.3
Fuel Oil	166.3	15.6
Gasoline	40.1	3.8
Coal	21.7	2.0
Other	50.8	4.8
Total	1,065.4	100.0

Expenditure on Energy by Ontario Manufacturing Industries, 1976



ENERGY INTENSIVE INDUSTRIES

In terms of value added, the six most energy intensive are: industrial chemicals, pulp and paper mills, smelting and refining, cement manufacturers, abrasives manufacturers and lime manufacturers. The following table shows that intensity of energy use is not directly related to value added.

While six industries listed in the table below consumed 39.6 per cent of the total value of fuel and electricity used by Ontario Manufacturers, they accounted for a relatively small proportion (7.3 per cent) of total value added in Manufacturing.

Table B

Ontario's Energy Intensive Manufacturing Industries, 1976*

SIC Code	Industries	Value Added in Mfg. (\$ million)	Energy Cost Per \$000 Value Added (\$)	Energy Cost Per Person Employed (\$)
378	Industrial Chemicals	581.4	306	14,176
271	Pulp and Paper Mills	540.7	243	6,053
295	Smelting and Refining	218.0	274	5,492
352	Cement Manufacturers	80.8	412	24,604
357	Abrasives Manufacturers	47.9	188	4,272
358	Lime Manufacturers	15.0	686	28,152
	Total (6 Industries)	1,483.8		
	Per Cent of Total Value Added in Manufacturing	7.3		
	Per Cent of Total Energy Consumption in Manufacturing	39.6		

*Definition

Energy intensive industries in this study have been defined as those for which the energy cost per thousand dollars of value added are at least three times the average cost of \$52.32

ENERGY USE BY LARGE INDUSTRIES

For the total Ontario manufacturing sector, fuel and electricity costs in 1976 were equivalent to 2.1 per cent of value of shipments of goods of own manufacture and 3.7 per cent of value of raw materials and supplies used. Since only four industries consume 46.3 per cent of total fuel and electricity, it follows that the great majority of industries, including most of the large ones, are not energy intensive by the definition on page ii.

The table below outlines energy use for Ontario's twenty largest industries based on value added, of which only two are energy intensive.

Table C

Energy Costs of Twenty Largest Manufacturing Industries in Ontario, 1976

SIC Code	Industries	Amount Spent on Energy			
		Value Added in Mfg.	Per \$000 Value Added Mfg.	Per Person Employed	Per \$000 Shipments
		(\$ million)	(\$)	(\$)	(\$)
325	Motor Vehicle Parts and Accessories	1,376	28	830	12
291	Iron and Steel Mills	1,231	101	3,099	44
323	Motor Vehicle Manufacturers	1,202	23	699	4
315	Miscellaneous Machinery and Equipment	762	16	343	8
378	Industrial Chemicals	581	306	14,176	128
108	Miscellaneous Food	577	40	1,372	15
271	Pulp and Paper Mills	541	243	6,053	106
335	Communications Equipment	534	9	208	6
109	Beverage	526	29	1,200	17
304	Metal Stamping, Pressing and Coating	479	29	680	13
286	Commercial Printing	452	13	260	8
336	Electrical Industrial Equipment	450	17	313	10
162	Rubber Products	398	41	893	21
289	Publishing and Printing	393	9	229	7
101	Meat and Poultry Products	383	37	956	9
365	Petroleum Refineries	367	56	2,247	10
309	Miscellaneous Metal Fabricating	352	31	690	15
165	Plastics Fabricating Ind., N.E.S.	314	40	750	18
391	Scientific and Professional Equipment	310	13	265	7
306	Hardware, Tool and Cutlery Manufacturers	265	18	336	11
	Total	11,493			
	Per cent of Total Value Added in Manufacturing	56.4			

LARGEST USERS OF ENERGY

Four industries consumed 46.3 percent, by value, of energy used in Ontario Manufacturing. In addition to iron and steel mills, these included three energy intensive industries industrial chemicals, pulp and paper mills and smelting and refining. Industrial Chemicals was found to be the largest user of energy.

Table D

Largest Manufacturing Energy Users in Ontario, 1976

SIC Code	Industries	All Sources	Electricity	Natural Gas	Fuel Oil	Coal	Gasoline
Per cent of Total Manufacturing Use							
378	Industrial Chemicals	16.7	10.3	17.7	23.6	-	0.8
271	Pulp and Paper Mills	12.3	13.0	15.3	8.7	17.1	0.8
291	Iron and Steel Mills	11.7	12.9	12.7	10.5	0.2	1.6
295	Smelting and Refining	5.6	5.1	4.5	9.7	25.8	0.5

ENERGY AND EMPLOYMENT

The following table shows the ten industries which in 1976 bore the highest energy cost per person employed.

Table E

Energy Costs Per Person Employed in Ontario, 1976

SIC Code	Industries	Energy Cost Per Person Employed	Total Employment
		\$	(Persons)
358	Lime Manufacturers	28,152	366
352	Cement Manufacturers	24,604	1,352
378	Industrial Chemicals	14,176	12,544
271	Pulp and Paper Mills	6,053	21,693
369	Miscellaneous Petroleum and Coal Products	5,607	196
295	Smelting and Refining	5,492	10,871
357	Abrasives Manufacturers	4,272	2,110
351	Clay Products Manufacturers	3,169	2,770
291	Iron and Steel Mills	3,099	40,315
373	Plastics and Synthetic Resins	2,884	2,224

COMPOSITION OF ENERGY BY ONTARIO MANUFACTURING INDUSTRIES

In the case of electricity, natural gas, fuel oil and gasoline, the ten largest consuming industries account for over 49 per cent, by value, of total consumption in the manufacturing sector. With respect to coal, the seven largest consumers account for more than 90 per cent, by value, of total consumption.

Table F

Electricity - Ten Largest Users in Ontario, 1976

<u>SIC Code</u>	<u>Industries</u>	<u>Amount Used (\$ Million)</u>	<u>Per Cent of Total Mfg. Use</u>
271	Pulp and Paper Mills	48.9	13.0
291	Iron and Steel Mills	48.7	12.9
378	Industrial Chemicals	38.9	10.3
325	Motor Vehicle Parts and Accessories	20.4	5.4
295	Smelting and Refining	19.2	5.1
365	Petroleum Refining	13.1	3.5
323	Motor Vehicle Manufacturers	9.6	2.6
357	Abrasives Manufacturers	8.3	2.2
162	Rubber Products	7.3	1.9
352	Cement Manufacturers	7.2	1.9
	Total	221.6	58.8

A chart for the ten largest users of electricity in Ontario for 1976 is given below:

Electricity - Ten Largest Users in Ontario, 1976

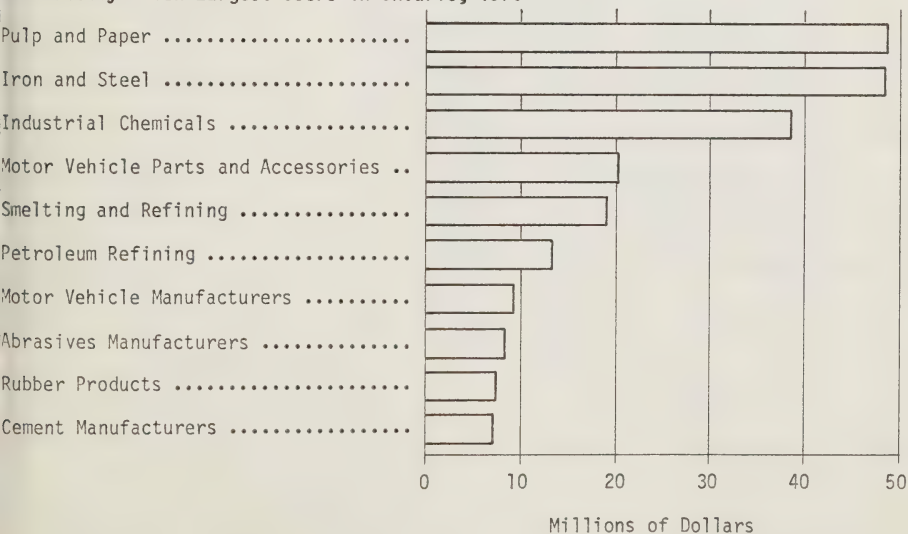


Table G

Natural Gas - Ten Largest Users in Ontario, 1976

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
378	Industrial Chemicals	72.6	17.7
271	Pulp and Paper Mills	62.6	15.3
291	Iron and Steel Mills	52.2	12.7
295	Smelting and Refining	18.5	4.5
356	Glass and Glass Products	14.5	3.5
325	Motor Vehicle Parts and Accessories	12.9	3.2
352	Cement Manufacturers	11.6	2.8
108	Miscellaneous Food Industries	11.2	2.7
323	Motor Vehicle Manufacturers	7.0	1.7
109	Beverage Industries	7.0	1.7
	Total	270.1	65.8

A chart for the ten largest users of natural gas in Ontario for 1976 is given below:

Natural Gas - Ten Largest Users in Ontario, 1976

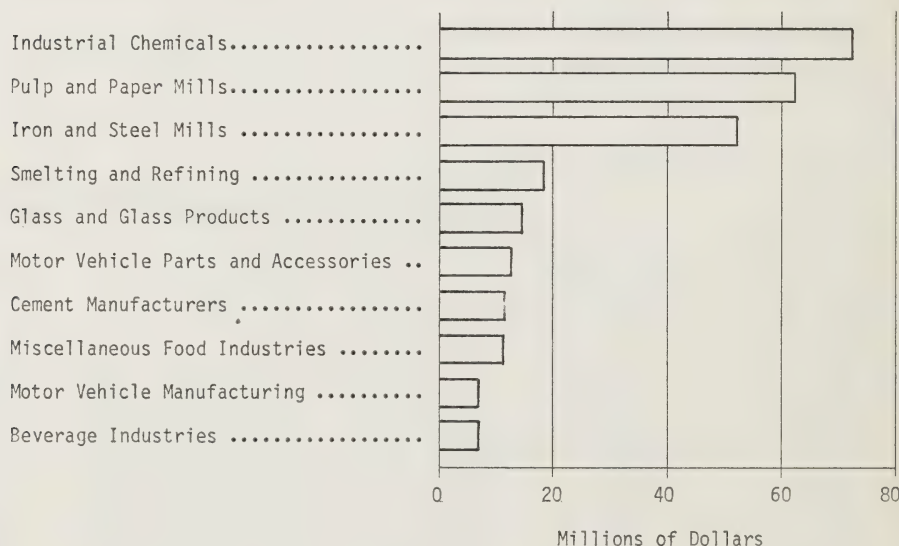


Table H

Fuel Oil - Ten Largest Users in Ontario, 1976

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
378	Industrial Chemicals	39.3	23.6
291	Iron and Steel Mills	17.5	10.5
295	Smelting and Refining	16.1	9.7
271	Pulp and Paper Mills	14.5	8.7
352	Cement Manufacturers	6.5	3.9
323	Motor Vehicle Manufacturers	5.7	3.4
183	Man-Made Fibre, Yarn & Cloth Mills	5.5	3.3
355	Ready-Mix Concrete	3.6	2.2
359	Miscellaneous Non-Metallic Mineral Products	3.2	1.9
104	Dairy Products	2.8	1.7
	Total	114.7	68.9

A chart for the ten largest users of fuel in Ontario 1976 is given below:

Fuel Oil - Ten Largest Users in Ontario, 1976

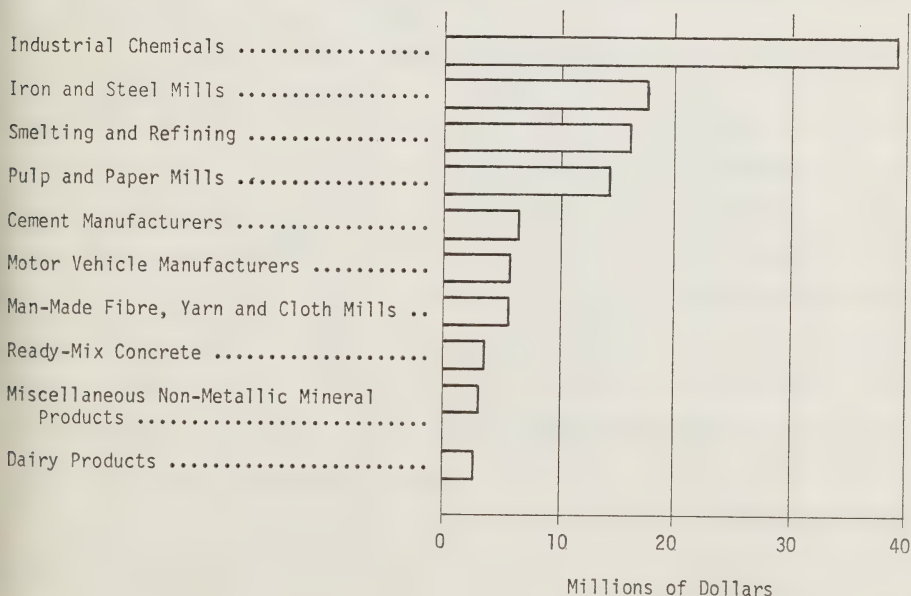


Table I

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1976

SIC Code	Industries	Light Fuel Oil (Gal. 000)	Heavy Fuel Oil (Gal. 000)
378	Industrial Chemicals	3556	164158
291	Iron and Steel Mills	522	61708
295	Smelting and Refining	2873	58247
271	Pulp and Paper Mills	518	48192
352	Cement Manufacturers	414	23469
183	Man-Made Fibre, Yarn & Cloth Mills	216	22364
323	Motor Vehicle Manufacturers	423	19219
359	Miscellaneous Non-Metallic Mineral Products	1774	8364
162	Rubber Products	1824	6441
358	Lime Manufacturers	1118	6211

In this table, unlike other tables in this publication, kerosene and diesel oil are not included in the figures for fuel oil.

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1976

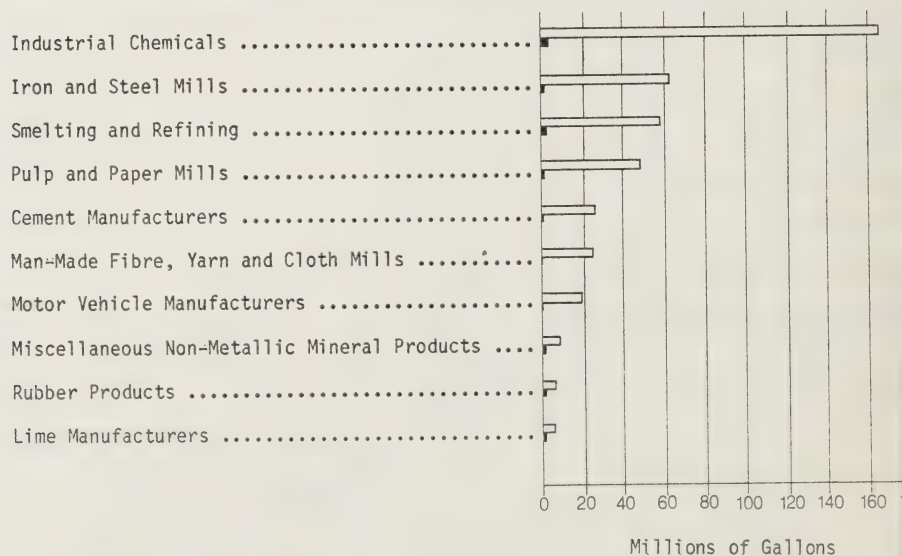


Table J

Gasoline - Ten Largest Users in Ontario, 1976

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
104	Dairy Products	3.5	8.7
101	Meat and Poultry Products	2.5	6.3
107	Bakery Products	2.5	6.1
109	Beverage Industries	2.3	5.7
323	Motor Vehicle Manufacturers	2.2	5.4
108	Miscellaneous Food Industries	2.0	5.0
251	Sawmills, Planing Mills and Shingle Mills	1.3	3.2
354	Concrete Products	1.2	3.0
106	Feed Industry	1.2	2.9
325	Motor Vehicle Parts and Accessories	1.1	2.7
	Total	19.8	49.0

A chart for the ten largest users of gasoline in Ontario for 1976 is given below:

Gasoline - Ten Largest Users in Ontario, 1976

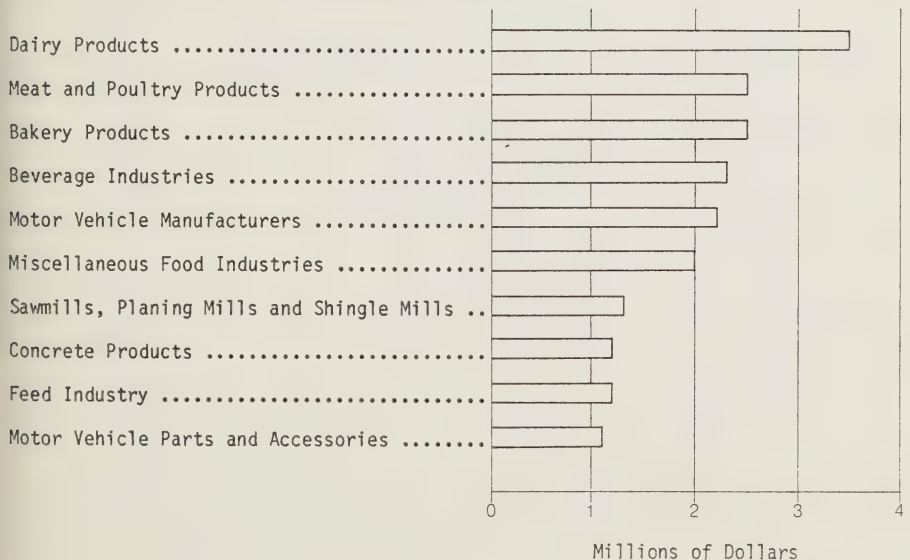


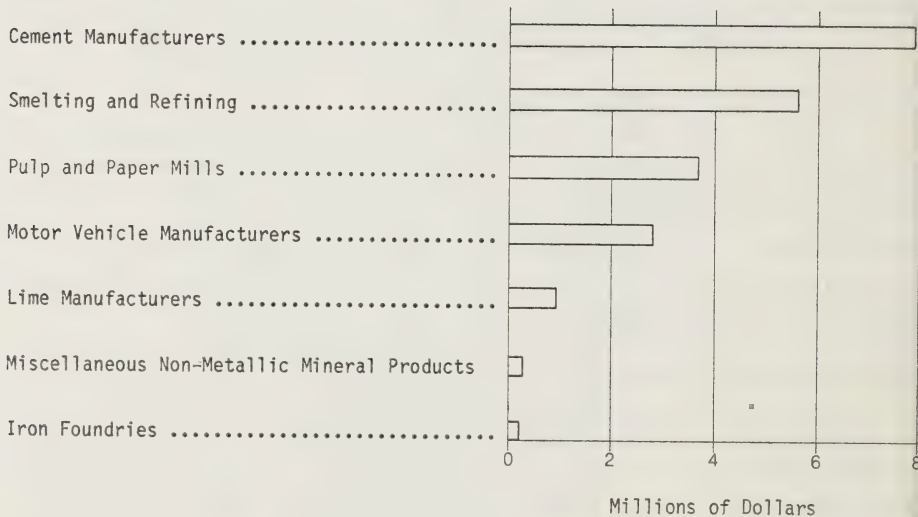
Table K

Coal - Seven Largest Users in Ontario, 1976

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
352	Cement Manufacturers	7.9	36.2
295	Smelting and Refining	5.6	25.8
271	Pulp and Paper Mills	3.7	17.1
323	Motor Vehicle Manufacturers	2.8	12.7
358	Lime Manufacturers	0.9	4.0
359	Miscellaneous Non-Metallic Mineral Products	0.3	1.2
294	Iron Foundries	0.2	0.9
	Total	21.4	97.9

A chart for the seven largest users of coal in Ontario for 1976 is given below:

Coal - Seven Largest Users in Ontario, 1976



Energy Consumption Vs. Value Added for 20 Major Industry Groups in Ontario 1976

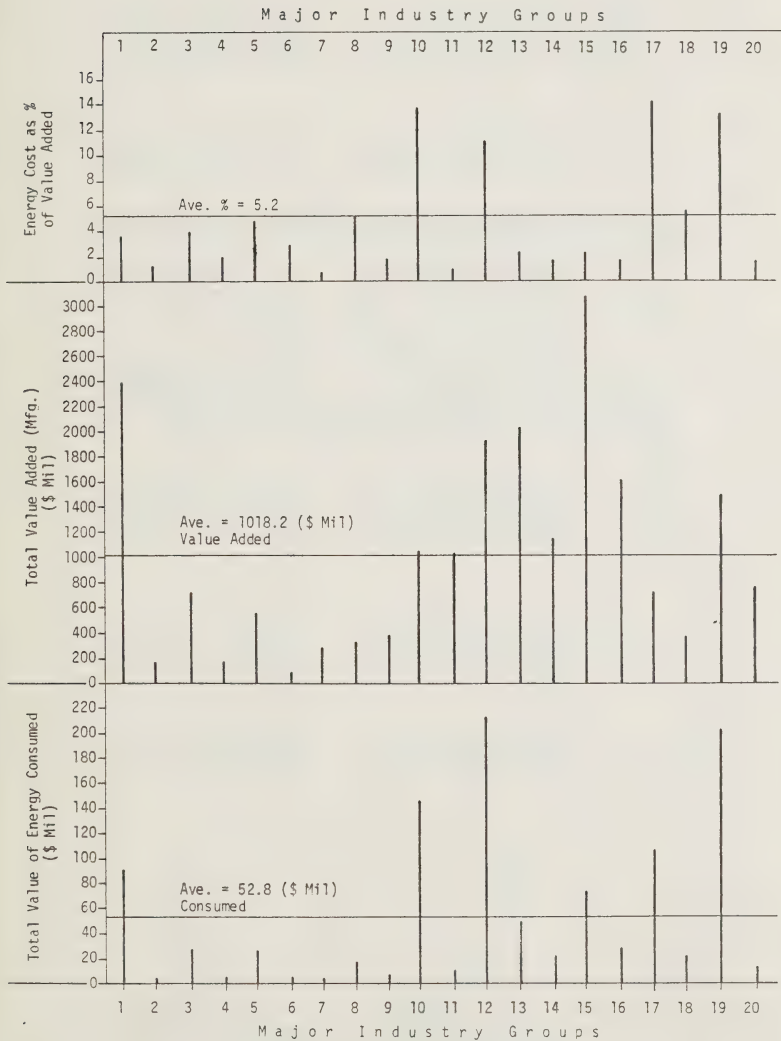


Table L

Interprovincial Comparison of Selected Principal Statistics and Associated Ratios, Ranked by Value Added/Cost of F & E 1975 and 1974

1975	Cost of F & E	Value of Shipments \$'000	Manufacturing Value Added	Total Employees Number	Value Added Cost of F & E	Cost of F & E Per Employee	Value of Shipments Per Employee Dollars	Value Added Per Employee
Alberta	65,828	4,726,466	1,581,096	64,678	24.02	1,018	73,077	24,446
Ontario	791,497	44,422,821	18,357,809	850,291	23.19	931	52,244	21,590
Manitoba	50,260	2,580,985	1,014,619	55,010	20.19	914	46,918	18,444
Yukon & North West Territories	251	13,561	4,915	265	19.58	947	51,174	18,547
Saskatchewan	22,622	1,176,473	437,152	19,213	19.32	1,177	61,233	22,753
Quebec	537,647	23,966,501	9,958,016	532,932	18.52	1,009	44,971	18,685
British Columbia	180,058	7,326,464	3,284,674	137,138	18.24	1,313	53,424	23,952
Prince Edward Island	2,234	108,562	34,132	2,353	15.28	1,374	46,138	14,506
Nova Scotia	51,332	1,819,094	675,705	37,365	13.16	1,374	48,684	18,084
Newfoundland	26,149	650,008	208,020	13,000	7.96	2,011	50,001	16,002
New Brunswick	77,788	1,669,422	583,162	29,300	7.50	2,655	56,977	19,903
Canada	1,805,666	88,460,358	36,139,301	1,741,545	20.01	1,037	50,794	20,751
1974								
Alberta	47,978	3,821,306	1,318,276	60,827	27.48	789	62,823	21,673
Ontario	692,739	41,404,361	18,128,835	883,730	26.17	784	46,852	20,514
Manitoba	38,216	2,279,697	906,434	54,309	23.72	704	41,976	16,690
Saskatchewan	18,145	1,045,160	373,245	17,917	20.57	1,013	58,333	20,832
Quebec	488,276	22,396,844	9,549,110	541,500	19.56	902	41,361	17,635
British Columbia	178,661	7,411,103	3,300,302	143,964	18.47	1,241	51,479	22,924
Prince Edward Island	1,627	94,142	29,776	2,263	18.30	1,719	41,601	13,158
Yukon & North West Territories	186	9,020	3,079	241	16.55	772	37,427	12,776
Nova Scotia	52,108	1,696,092	601,735	36,583	11.55	1,424	46,363	16,448
Newfoundland	27,478	711,731	270,874	14,168	9.86	1,939	50,235	19,119
New Brunswick	78,202	1,585,655	603,086	30,475	7.71	2,566	52,031	19,790
Canada	1,623,617	82,455,109	35,084,752	1,785,977	21.61	909	46,168	19,645

Sources: Statistics Canada Publications

ENERGY REQUIREMENTS DATA

by

Two Digit Major Group

and

Three Digit Industry Group

TABLE 1
DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1976

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1 FOOD & BEVERAGE IND.....	6,872,660	13.15	2.08	2.10	4.99	.01	3.69
101 MEAT & POULTRY PRODUCTS IND.....	1,619,144	8.76	1.67	1.55	2.77	.00	2.70
102 FISH PRODUCTS IND.....	24,323	19.23	2.72	1.43	4.71	.08	9.93
103 FRUIT & VEGETABLE PROCESSING IND.....	636,624	13.09	3.56	.59	4.77	.07	3.89
104 DAIRY PRODUCTS IND.....	960,992	13.19	2.87	3.63	3.09	.01	3.39
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	313,763	10.85	.85	.32	3.89	.00	5.74
106 FEED IND.....	426,884	12.31	2.58	2.72	3.16	.00	3.58
107 BAKERY PRODUCTS IND.....	445,077	18.15	1.88	5.52	6.38	.00	4.20
108 MISCELLANEOUS FOOD IND.....	1,552,501	14.79	1.48	1.29	7.23	.01	3.97
109 BEVERAGE IND.....	893,352	16.82	2.25	2.56	7.85	.00	4.09
2 TOBACCO PRODUCTS IND.....	489,611	4.49	.68	.50	.92	.00	2.25
151 LEAF TOBACCO PROCESSORS.....							
153 TOBACCO PRODUCTS MFRS.....							
3 RUBBER & PLASTICS PRODUCTS IND.....	1,479,677	19.52	2.25	.46	6.05	.00	9.58
162 RUBBER PRODUCTS IND.....	788,691	20.61	2.95	.14	7.52	.00	9.27
165 PLASTICS FABRICATING IND, N.E.S.....	690,986	18.27	1.46	.83	4.37	.00	9.93
4 LEATHER IND.....	367,133	9.88	1.94	.22	3.67	.00	4.00
172 LEATHER TANNERIES.....	93,857	23.18	5.66	.14	10.60	.00	6.61
174 SHOE FACTORIES.....	202,742	4.90	.59	.22	1.14	.00	2.94
175 LEATHER GLOVE FACTORIES.....	7,543	7.92	.27	.19	4.01	.00	3.41

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1976

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
5 TEXTILE IND.....	62,991	6.34	.96	.35	1.45	.00 3.57
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	1,228,274	22.49	5.22	.52	6.86	.00 9.18
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	47,293	25.06	.47	.28	13.68	.00 10.62
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	398,365	41.33	13.86	.18	10.28	.00 16.91
184 CORDAGE & TWINE IND.....	9,717	15.39	3.07	.61	.88	.00 10.83
185 FELT & FIBRE PROCESSING MILLS.....	30,848	21.81	4.84	1.21	6.94	.00 8.75
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	40,521	7.44	1.52	2.18	1.40	.00 2.30
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	302,537	5.67	.64	.15	1.73	.00 2.69
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL		
6 KNITTING MILLS.....	168,451	15.36	2.97	.22	5.62	.00 5.86
231 HOSIERY MILLS.....	39,230	13.19	2.17	.37	4.97	.00 5.38
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	129,221	16.02	3.21	.17	5.82	.00 6.01
7 CLOTHING IND.....	555,433	3.84	.60	.38	.72	.00 2.06
243 MEN'S CLOTHING IND.....	285,744	4.01	.90	.36	.73	.00 1.88
244 WOMEN'S CLOTHING IND.....	171,255	2.66	.16	.20	.46	.00 1.81
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL		
246 FUR GOODS IND.....	23,504	2.19	.09	.79	.05	.00 1.25
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL		

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1976

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL		
8 WOOD IND.....	734,319	23.92	5.23	3.74	4.75	.03 8.95
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	222,918	32.86	10.85	5.67	2.73	.05 12.72
252 VENEER & PLYWOOD MILLS.....	50,814	28.61	3.79	2.00	10.59	.20 11.73
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	297,071	10.61	1.73	3.18	1.40	.00 4.14
256 WOODEN BOX FACTORIES.....	74,264	15.14	4.74	3.60	2.03	.00 4.27
258 COFFIN & CASKET IND.....	5,339	27.62	9.28	8.78	2.23	.33 6.94
259 MISCELLANEOUS WOOD IND.....	83,912	51.96	3.72	1.48	21.01	.00 18.50
9 FURNITURE & FIXTURE IND.....	743,036	9.27	1.34	.74	2.97	.01 4.10
261 HOUSEHOLD FURNITURE MFRS.....	392,075	8.92	1.49	.77	2.23	.01 4.28
264 OFFICE FURNITURE MFRS.....	115,057	11.50	.83	.19	5.62	.00 4.62
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	217,597	9.01	1.41	1.05	2.99	.00 3.56
268 ELECTRIC LAMP & SHADE MFRS.....	18,307	5.96	.65	.16	1.71	.00 3.43
10 PAPER & ALLIED IND.....	2,459,739	59.12	6.40	.56	27.70	1.53 22.25
271 PULP & PAPER MILLS.....	1,236,886	106.16	11.75	.26	50.63	2.99 39.50
272 ASPHALT ROOFING MFRS.....	37,311	28.22	4.33	.53	16.58	.00 6.67
273 PAPER BOX & BAG MFRS.....	652,092	10.80	.85	1.17	3.64	.07 4.66
274 MISCELLANEOUS PAPER CONVERTERS.....	533,449	11.26	.94	.50	4.73	.00 4.86
11 PRINTING, PUBLISHING & ALLIED IND.....	1,585,764	6.45	.41	1.00	1.34	.00 3.42
286 COMMERCIAL PRINTING.....	767,046	7.72	.57	.77	1.92	.00 4.03

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1976

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	90,092	7.97	.66	1.79	1.36	.00	3.89
288 PUBLISHING ONLY.....	197,805	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	530,822	6.76	.28	1.59	1.01	.00	3.74
12 PRIMARY METAL IND.....	4,507,306	47.31	8.10	.29	17.92	1.34	18.08
291 IRON & STEEL MILLS.....	2,856,901	43.73	6.14	.22	18.28	.02	17.04
292 STEEL PIPE & TUBE MILLS.....	266,045	15.60	.89	.18	7.96	.00	6.34
294 IRON FOUNDRIES.....	312,243	34.38	1.75	.40	9.49	.62	19.58
295 SMELTING & REFINING.....	338,222	176.51	47.66	.56	54.61	16.56	56.90
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	303,479	18.62	3.64	.35	5.73	.00	8.46
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S....							
13 METAL FABRICATING IND.....	4,110,956	11.77	.98	.99	4.85	.00	4.62
301 BOILER & PLATE WORKS.....	326,778	6.05	1.22	.58	1.97	.00	2.23
302 FABRICATED STRUCTURAL METAL IND.....	335,580	9.83	1.25	2.05	2.59	.00	3.63
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	386,875	8.68	.91	1.77	2.55	.02	3.25
304 METAL STAMPING, PRESSING & COATING IND.....	1,087,586	12.59	.75	.88	5.89	.00	4.72
305 WIRE & WINE PRODUCTS MFRS.....	565,086	13.97	.36	.24	6.49	.00	6.12
306 HARDWARE, TOOL & CUTLERY MFRS.....	427,232	10.98	.73	.97	3.49	.00	5.51
307 HEATING EQUIPMENT MFRS.....	131,472	10.69	.25	.93	5.29	.00	3.90
308 MACHINE SHOPS.....	116,261	9.47	1.24	2.59	1.73	.00	3.82

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TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1976

SIC MAJOR GP & IND GP		AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		SHIPMENTS OF OWN MANUFACTURE (\$000'S)	TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
309	MISCELLANEOUS METAL FABRICATING IND.....	734,085	14.97	1.84	.76	6.78	.00
14	MACHINERY IND.....	2,572,528	8.26	.74	.60	3.05	.02
311	AGRICULTURAL IMPLEMENTS IND.....	519,636	11.87	1.22	.51	5.57	.00
315	MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	1,553,771	7.67	.75	.48	2.65	.03
316	COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	153,193	5.68	.30	.59	2.51	.00
318	OFFICE & STORE MACHINERY MFRS.....	345,927	6.57	.18	1.29	1.30	.00
15	TRANSPORTATION EQUIPMENT IND.....	10,310,687	7.21	.91	.37	2.19	.27
321	AIRCRAFT & AIRCRAFT PARTS MFRS.....	294,953	9.66	2.31	.34	2.19	.00
323	MOTOR VEHICLE MFRS.....	6,302,209	4.36	.91	.34	1.12	.44
324	TRUCK BODY & TRAILER MFRS.....	212,401	9.00	.84	1.28	3.17	.00
325	MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	3,061,926	12.44	.67	.35	4.22	.00
326	RAILROAD ROLLING STOCK IND.....	322,671	8.78	1.95	.20	3.13	.00
327	SHIPBUILDING & REPAIR.....	70,477	12.33	1.20	1.50	2.34	.00
328	BOATBUILDING & REPAIR.....	43,834	7.21	1.10	1.28	1.91	.00
329	MISCELLANEOUS VEHICLE MFRS.....	2,217	11.82	.00	3.03	4.84	.00
16	ELECTRICAL PRODUCTS IND.....	3,173,341	8.68	.76	.24	2.99	.00
331	MFRS OF SMALL ELECTRICAL APPLIANCES.....	221,279	7.64	.39	.37	3.32	.00
332	MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	392,639	11.28	.88	.00	5.80	.00
333	MFRS OF LIGHTING FIXTURES.....	67,676	6.24	.26	.60	2.35	.00
334	MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	227,137	3.31	.35	.02	.90	.00

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1976

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	862,374	5.55	.51	.17	1.34	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	771,488	9.83	1.09	.34	3.23	.00
338 MFRS OF ELECTRIC WIRE & CABLE.....	354,868	12.55	.82	.14	3.70	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	275,881	12.45	1.13	.71	4.17	.05
17 NON-METALLIC MINERAL PRODUCTS IND.....	1,354,928	78.39	13.74	1.94	35.20	6.63
351 CLAY PRODUCTS MFRS.....	93,620	93.76	6.00	1.91	69.30	.00
352 CEMENT MFRS.....	138,001	241.05	47.12	.36	84.24	56.96
353 STONE PRODUCTS MFRS.....	6,134	12.66	1.82	3.54	2.45	.17
354 CONCRETE PRODUCTS MFRS.....	195,334	32.73	11.62	6.07	8.67	.00
355 READY MIX CONCRETE MFRS.....	212,723	26.42	17.11	3.90	1.81	.00
356 GLASS & GLASS PRODUCTS MFRS.....	332,812	58.69	.33	.36	43.68	.00
357 ABRASIVES MFRS.....	108,637	82.97	1.05	.40	5.28	.00
358 LIME MFRS.....	28,581	360.50	76.23	.89	228.87	30.49
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	239,086	55.33	13.53	.76	24.40	1.06
18 PETROLEUM & COAL PRODUCTS IND.....	2,078,140	10.42	.35	.07	2.55	.00
365 PETROLEUM REFINERIES.....	2,059,468	9.98	.11	.03	2.42	.00
369 MISC PETROLEUM & COAL PRODUCTS IND.....	18,672	58.86	27.17	4.86	17.43	.00
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	3,397,511	59.71	12.83	.57	24.14	.00
372 MFRS OF MIXED FERTILIZERS.....	67,782	7.07	.10	3.22	.69	.00
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	249,754	25.68	4.97	.25	10.47	.00

TABLE 1 (CONT'D) DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1976

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
	(\$000'S)	(\$)	(\$)	(\$)	(\$)	(\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	358,051	9.30	.82	1.45	3.01	.00 3.86
375 PAINT & VARNISH MFRS.....	275,597	8.09	1.67	.80	1.87	.00 3.40
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	386,804	11.30	.63	.24	6.72	.00 2.97
377 MFRS OF TOILET PREPARATIONS.....	144,708	5.68	1.36	.13	1.69	.00 2.42
378 MFRS OF INDUSTRIAL CHEMICALS.....	1,394,118	127.55	28.20	.24	52.07	.00 27.94
379 MISCELLANEOUS CHEMICAL IND.....	520,698	14.25	3.55	.87	4.46	.00 4.45
20 MISCELLANEOUS MANUFACTURING IND.....	1,455,280	8.46	1.30	.85	2.38	.00 3.75
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	550,635	7.19	1.94	.45	1.16	.00 3.51
392 JEWELLERY & SILVERWARE IND.....	241,872	3.85	.14	.29	1.33	.00 2.07
393 SPORTING GOODS & TOY IND.....	227,631	10.53	1.48	1.19	3.24	.00 4.56
397 SIGNS & DISPLAYS IND.....	86,510	12.70	1.10	3.85	3.18	.00 4.31
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	348,633	11.26	1.01	.88	4.25	.00 4.63
ALL MANUFACTURING INDUSTRIES.....	49,644,755	21.46	3.35	.81	8.26	.44 7.59

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 2

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1976

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
1 FOOD & BEVERAGE IND.....	2,393,128	37.76	5.98	6.02	14.32	.03	10.60
101 MEAT & POULTRY PRODUCTS IND.....	383,469	36.97	7.05	6.54	11.72	.00	11.42
102 FISH PRODUCTS IND.....	10,043	46.57	6.59	3.45	11.41	.18	24.04
103 FRUIT & VEGETABLE PROCESSING IND.....	252,311	33.02	8.99	1.48	12.05	.18	9.82
104 DAIRY PRODUCTS IND.....	212,430	59.68	12.98	16.41	13.98	.03	15.36
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	108,345	31.42	2.47	.93	11.26	.01	16.62
106 FEED IND.....	98,579	53.29	11.19	11.77	13.68	.00	15.51
107 BAKERY PRODUCTS IND.....	224,668	35.95	3.73	10.93	12.65	.00	8.32
108 MISCELLANEOUS FOOD IND.....	577,040	39.78	3.98	3.46	19.46	.02	10.68
109 BEVERAGE IND.....	526,244	28.55	3.81	4.35	13.33	.00	6.94
2 TOBACCO PRODUCTS IND.....	177,659	12.38	1.89	1.38	2.54	.00	6.21
151 LEAF TOBACCO PROCESSORS.....							
153 TOBACCO PRODUCTS MFRS.....							
3 RUBBER & PLASTICS PRODUCTS IND.....	711,916	40.57	4.69	.96	12.57	.00	19.91
162 RUBBER PRODUCTS IND.....	398,027	40.84	5.85	.28	14.91	.00	18.37
165 PLASTICS FABRICATING IND, N.E.S.....	313,889	40.23	3.21	1.83	9.62	.00	21.85
4 LEATHER IND.....	177,830	20.40	4.01	.46	7.58	.00	8.25
172 LEATHER TANNERIES.....	37,215	58.45	14.27	.36	26.73	.00	16.67
174 SHOE FACTORIES.....	103,601	9.59	1.15	.44	2.24	.00	5.76
175 LEATHER GLOVE FACTORIES.....	3,870	15.43	.53	.37	7.81	.00	6.64

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TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1976

	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
SIC MAJOR GP & IND GP						
5 TEXTILE IND.....	33,145	12.04	1.83	.66	2.75	.00
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	559,502	49.38	11.47	1.14	15.07	.00
181 COTTON YARN & CLOTH MILLS.....						
182 WOOL YARN & CLOTH MILLS.....	27,031	43.85	.83	.49	23.94	.00
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	173,166	95.07	31.88	.41	23.66	.00
184 CORDAGE & TWINE IND.....	5,223	28.63	5.71	1.14	1.63	.00
185 FELT & FIBRE PROCESSING MILLS.....	13,996	48.06	10.66	2.66	15.29	.00
186 CARPET, MAT & RUG IND.....						
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	17,970	16.79	3.43	4.92	3.17	.00
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	138,872	12.35	1.40	.32	3.78	.00
189 MISCELLANEOUS TEXTILE IND.....						
6 KNITTING MILLS.....	85,548	30.24	5.84	.43	11.07	.00
231 HOSIERY MILLS.....	21,918	23.60	3.88	.66	8.90	.00
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	63,630	32.53	6.52	.34	11.81	.00
7 CLOTHING IND.....	298,339	7.15	1.11	.70	1.33	.00
243 MEN'S CLOTHING IND.....	158,118	7.25	1.62	.65	1.32	.00
244 WOMEN'S CLOTHING IND.....	89,600	5.08	.31	.37	.87	.00
245 CHILDREN'S CLOTHING IND.....						
246 FUR GOODS IND.....	9,724	5.30	.23	1.91	.12	.00
248 FOUNDATION GARMENT IND.....						

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1976

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
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249 MISCELLANEOUS CLOTHING IND.....							
8 WOOD IND.....	336,439	52.20	11.41	8.17	10.37	.07	19.53
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	99,427	73.67	24.33	12.71	6.12	.10	28.51
252 VENEER & PLYWOOD MILLS.....	23,973	60.64	8.03	4.24	22.46	.43	24.86
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	134,517	23.43	3.82	7.03	3.09	.00	9.15
256 WOODEN BOX FACTORIES.....	36,659	30.67	9.60	7.29	4.11	.00	8.65
258 COFFIN & CASKET IND.....	3,005	49.07	16.48	15.61	3.96	.58	12.33
259 MISCELLANEOUS WOOD IND.....	38,858	112.21	8.04	3.20	45.37	.00	39.96
9 FURNITURE & FIXTURE IND.....	381,030	18.08	2.62	1.45	5.78	.01	8.00
261 HOUSEHOLD FURNITURE MFRS.....	198,343	17.63	2.95	1.51	4.41	.03	8.46
264 OFFICE FURNITURE MFRS.....	63,831	20.72	1.50	.34	10.14	.00	8.33
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	108,956	18.00	2.82	2.09	5.97	.00	7.11
268 ELECTRIC LAMP & SHADE MFRS.....	9,901	11.02	1.21	.30	3.17	.00	6.35
10 PAPER & ALLIED IND.....	1,050,989	138.36	14.98	1.31	64.84	3.57	52.08
271 PULP & PAPER MILLS.....	540,709	242.85	26.87	.60	115.83	6.85	90.36
272 ASPHALT ROOFING MFRS.....	15,499	67.94	10.42	1.28	39.91	.00	16.05
273 PAPER BOX & BAG MFRS.....	262,180	26.85	2.11	2.90	9.06	.19	11.59
274 MISCELLANEOUS PAPER CONVERTERS.....	232,602	25.82	2.15	1.15	10.84	.00	11.15
11 PRINTING, PUBLISHING & ALLIED IND.....	1,032,723	9.91	.63	1.54	2.07	.00	5.25
286 COMMERCIAL PRINTING.....	452,444	13.09	.97	1.30	3.26	.00	6.82

TABLE 2 (CONT'D) DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1976

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					COAL	ELECTRICITY
		FUEL OIL	GASOLINE	NATURAL GAS	(\$)	(\$)		
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	69,121	10.39	.86	2.34	1.77	.00	5.07	
288 PUBLISHING ONLY.....	118,214	.00	.00	.00	.00	.00	.00	
289 PUBLISHING & PRINTING.....	392,944	.37	2.15	1.37	.00	.00	5.05	
12 PRIMARY METAL IND.....	1,917,225	111.21	19.03	.69	42.14	3.14	42.51	
291 IRON & STEEL MILLS.....	1,231,413	101.46	14.24	.52	42.41	.04	39.52	
292 STEEL PIPE & TUBE MILLS.....	77,097	53.83	3.08	.63	27.48	.00	21.88	
294 IRON FOUNDRIES.....	170,002	63.15	3.22	.73	17.44	1.14	35.96	
295 SMELTING & REFINING.....	218,050	273.79	73.93	.87	84.70	25.69	88.26	
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	88,160	64.10	12.53	1.20	19.74	.00	29.13	
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.....								
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....								
13 METAL FABRICATING IND.....	2,014,011	24.03	2.00	2.01	9.90	.01	9.43	
301 BOILER & PLATE WORKS.....	142,234	13.91	2.81	1.33	4.52	.00	5.12	
302 FABRICATED STRUCTURAL METAL IND.....	198,409	16.63	2.11	3.47	4.38	.00	6.14	
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	186,684	17.81	1.87	3.64	5.22	.05	6.67	
304 METAL STAMPING, PRESSING & COATING IND.....	478,944	28.59	1.70	2.00	13.37	.00	10.71	
305 WIRE & WIRE PRODUCTS MFRS.....	246,247	32.05	.83	.56	14.90	.00	14.04	
306 HARDWARE, TOOL & CUTLERY MFRS.....	264,724	17.71	1.17	1.57	5.64	.00	8.90	
307 HEATING EQUIPMENT MFRS.....	66,701	21.07	.50	1.84	10.43	.00	7.69	
308 MACHINE SHOPS.....	76,354	14.43	1.89	3.94	2.63	.01	5.82	

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TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1976

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	351,713	31.24	3.83	1.58	14.14	.01
14 MACHINERY IND.....	1,150,699	18.46	1.66	1.35	6.82	.04
311 AGRICULTURAL IMPLEMENTS IND.....	199,955	30.86	3.17	1.33	14.48	.00
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	762,307	15.64	1.54	.98	5.40	.06
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	59,646	14.58	.77	1.51	6.46	.00
318 OFFICE & STORE MACHINERY MFRS.....	128,790	17.65	.49	3.46	3.49	.00
15 TRANSPORTATION EQUIPMENT IND.....	3,081,307	24.13	3.05	1.25	7.32	.99
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	197,737	14.41	3.44	.50	3.27	.00
323 MOTOR VEHICLE MFRS.....	1,201,840	22.85	4.77	1.80	5.86	2.29
324 TRUCK BODY & TRAILER MFRS.....	86,842	22.02	2.05	3.12	7.76	.00
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,376,057	27.69	1.49	.78	9.40	.00
326 RAILROAD ROLLING STOCK IND.....	151,300	18.73	4.16	.42	6.67	.00
327 SHIPBUILDING & REPAIR.....	46,687	18.61	1.81	2.27	3.53	.00
328 BOATBUILDING & REPAIR.....	19,834	15.94	2.43	2.83	4.22	.00
329 MISCELLANEOUS VEHICLE MFRS.....	1,010	25.95	.00	6.64	10.63	.00
16 ELECTRICAL PRODUCTS IND.....	1,600,638	17.21	1.50	.49	5.93	.01
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	95,391	17.72	.90	.87	7.70	.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	158,591	27.92	2.17	.01	14.37	.00
333 MFRS OF LIGHTING FIXTURES.....	30,536	13.83	.58	1.32	5.21	.00
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	83,050	9.06	.95	.07	2.47	.00

TABLE 2 (CONT'D) DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1976

SIC MAJOR GP & IND GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
	VALUE ADDED IN MFG (\$000'S)	TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	534,227	8.96	.82	.27	2.16	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	449,883	16.86	1.87	.58	5.54	.00
338 MFRS OF ELECTRIC WIRE & CABLE.....	106,608	41.78	2.72	.46	12.33	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	142,353	24.13	2.19	1.37	8.08	.10
17 NON-METALLIC MINERAL PRODUCTS IND.....	736,608	144.19	25.28	3.58	64.74	12.20
351 CLAY PRODUCTS MFRS.....	60,105	146.05	9.35	2.97	107.94	.00
352 CEMENT MFRS.....	80,832	411.53	80.44	.62	143.82	97.24
353 STONE PRODUCTS MFRS.....	3,783	20.52	2.95	5.74	3.98	.28
354 CONCRETE PRODUCTS MFRS.....	111,550	57.32	20.34	10.62	15.18	.00
355 READY MIX CONCRETE MFRS.....	80,599	69.72	45.15	10.28	4.77	.00
356 GLASS & GLASS PRODUCTS MFRS.....	202,067	96.66	.54	.59	71.94	.00
357 ABRASIVES MFRS.....	47,879	188.26	2.39	.92	11.98	.00
358 LIME MFRS.....	15,017	686.11	145.07	1.69	435.59	58.03
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	134,776	98.16	23.99	1.36	43.28	1.88
18 PETROLEUM & COAL PRODUCTS IND.....	375,504	57.69	1.96	.40	14.13	.00
365 PETROLEUM REFINERIES.....	367,200	56.00	.62	.16	13.56	.00
369 MISC PETROLEUM & COAL PRODUCTS IND.....	8,304	132.34	61.09	10.93	39.19	.00
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	1,516,264	133.80	28.76	1.27	54.09	.00
372 MFRS OF MIXED FERTILIZERS.....	15,947	30.06	.45	13.69	2.95	.00
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	86,653	74.02	14.31	.73	30.18	.00

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1976

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	231,139	14.40	1.28	2.25	4.66	.00 5.98
375 PAINT & VARNISH MFRS.....	120,099	18.56	3.83	1.83	4.29	.00 7.80
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	158,685	27.54	1.55	.58	16.37	.00 7.25
377 MFRS OF TOILET PREPARATIONS.....	92,918	8.84	2.12	.20	2.63	.00 3.77
378 MFRS OF INDUSTRIAL CHEMICALS.....	581,438	305.82	67.61	.58	124.85	.00 66.98
379 MISCELLANEOUS CHEMICAL IND.....	229,385	32.34	8.05	1.98	10.12	.00 10.11
20 MISCELLANEOUS MANUFACTURING IND.....	765,010	16.10	2.47	1.61	4.52	.00 7.14
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	310,012	12.77	3.44	.81	2.07	.00 6.23
392 JEWELLERY & SILVERWARE IND.....	85,725	10.85	.39	.82	3.77	.00 5.85
393 SPORTING GOODS & TOY IND.....	128,294	18.69	2.63	2.12	5.74	.00 8.10
397 SIGNS & DISPLAYS IND.....	51,828	21.20	1.83	6.43	5.31	.00 7.19
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	189,151	20.76	1.87	1.61	7.83	.00 8.54
ALL MANUFACTURING INDUSTRIES.....	20,362,364	52.32	8.16	1.97	20.13	1.07 18.50

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1976

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
1 FOOD & BEVERAGE IND.....	8.48	8.61	35.96	8.36	6.73	9.76	13.84							
101 MEAT & POULTRY PRODUCTS IND.....	1.33	1.63	6.26	1.10	1.16	1.74	3.26							
102 FISH PRODUCTS IND.....	.04	.04	.09	.03	.06	.07	.05							
103 FRUIT & VEGETABLE PROCESSING IND.....	.78	1.36	.93	.74	.66	1.27	1.28							
104 DAIRY PRODUCTS IND.....	1.19	1.66	8.70	.72	.87	.97	1.94							
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	.32	.16	.25	.30	.48	.33	.63							
106 FEED IND.....	.49	.66	2.90	.33	.41	.39	.86							
107 BAKERY PRODUCTS IND.....	.76	.50	6.13	.69	.50	1.56	.90							
108 MISCELLANEOUS FOOD IND.....	2.15	1.38	4.98	2.74	1.64	1.96	3.13							
109 BEVERAGE IND.....	1.41	1.21	5.72	1.71	.97	1.47	1.80							
2 TOBACCO PRODUCTS IND.....	.21	.20	.61	.11	.29	.38	.99							
151 LEAF TOBACCO PROCESSORS.....														
153 TOBACCO PRODUCTS MFRS.....														
3 RUBBER & PLASTICS PRODUCTS IND.....	2.71	2.01	1.71	2.18	3.76	4.11	2.98							
162 RUBBER PRODUCTS IND.....	1.53	1.40	.28	1.45	1.94	2.14	1.59							
165 PLASTICS FABRICATING IND, N.E.S.....	1.19	.61	1.43	.74	1.82	1.98	1.39							
4 LEATHER IND.....	.34	.43	.21	.33	.39	1.54	.74							
172 LEATHER TANNERIES.....	.20	.32	.03	.24	.16	.23	.19							
174 SHOE FACTORIES.....	.09	.07	.11	.06	.16	.98	.41							
175 LEATHER GLOVE FACTORIES.....	.01	.00	.00	.01	.01	.04	.02							

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1976
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
5 TEXTILE IND.....	.04	.04	.04	.05			.02	.06	.29	.13				
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	2.59	3.86	1.59				2.06	2.99	3.51	2.47				
181 COTTON YARN & CLOTH MILLS.....							CONFIDENTIAL							
182 WOOL YARN & CLOTH MILLS.....	.11	.01	.03				.16	.13	.20	.10				
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	1.55	3.32	.18				1.00	1.79	1.07	.80				
184 CORDAGE & TWINE IND.....	.01	.02	.01				.00	.03	.05	.02				
185 FELT & FIBRE PROCESSING MILLS.....	.06	.09	.09				.05	.07	.10	.06				
186 CARPET, MAT & RUG IND.....							CONFIDENTIAL							
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	.03	.04	.22				.01	.02	.15	.08				
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	.16	.12	.11				.13	.22	.64	.61				
189 MISCELLANEOUS TEXTILE IND.....							CONFIDENTIAL							
6 KNITTING MILLS.....	.24	.30	.09				.23	.26	.82	.34				
231 HOSIERY MILLS.....	.05	.05	.04				.05	.06	.22	.08				
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	.19	.25	.05				.18	.21	.60	.26				
7 CLOTHING IND.....	.20	.20	.52				.10	.30	2.72	1.12				
243 MEN'S CLOTHING IND.....	.11	.15	.26				.05	.14	1.47	.58				
244 WOMEN'S CLOTHING IND.....	.04	.02	.08				.02	.08	.79	.34				
245 CHILDREN'S CLOTHING IND.....							CONFIDENTIAL							
246 FUR GOODS IND.....	.00	.00	.05				.00	.01	.06	.05				
248 FOUNDATION GARMENT IND.....							CONFIDENTIAL							

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1976
(CONT'D.)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
249 MISCELLANEOUS CLOTHING IND.....														
8 WOOD IND.....	1.65		2.31	6.86			.85	1.74			2.33		1.48	
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	.69		1.46	3.16			.15	.75			.66		.45	
252 VENEER & PLYWOOD MILLS.....	.14		.12	.25			.13	.16			.24		.10	
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	.30		.31	2.36			.10	.33			.85		.60	
256 WOODEN BOX FACTORIES.....	.11		.21	.67			.04	.08			.26		.15	
258 COFFIN & CASKET IND.....	.01		.03	.12			.00	.01			.03		.01	
259 MISCELLANEOUS WOOD IND.....	.41		.19	.31			.43	.41			.29		.17	
9 FURNITURE & FIXTURE IND.....	.65		.60	1.38			.54	.81			2.72		1.50	
261 HOUSEHOLD FURNITURE MFRS.....	.33		.35	.75			.21	.45			1.55		.79	
264 OFFICE FURNITURE MFRS.....	.12		.06	.05			.16	.14			.36		.23	
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	.18		.18	.57			.16	.21			.73		.44	
268 ELECTRIC LAMP & SHADE MFRS.....	.01		.01	.01			.01	.02			.08		.04	
10 PAPER & ALLIED IND.....	13.65		9.47	3.43			16.63	14.53			5.36		4.95	
271 PULP & PAPER MILLS.....	12.33		8.74	.81			15.28	12.97			2.55		2.49	
272 ASPHALT ROOFING MFRS.....	.10		.10	.05			.15	.07			.04		.08	
273 PAPER BOX & BAG MFRS.....	.66		.33	1.90			.58	.81			1.43		1.31	
274 MISCELLANEOUS PAPER CONVERTERS.....	.56		.30	.67			.62	.69			1.33		1.07	
11 PRINTING, PUBLISHING & ALLIED IND.....	.96		.39	3.98			.52	1.44			5.53		3.19	
286 COMMERCIAL PRINTING.....	.56		.26	1.47			.36	.82			2.68		1.55	

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1976
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY (%)	TOTAL EMPLOYEES (%)	SHIPMENTS OF OWN MANUFACTURE (%)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	.07	.04	.40	.03	.09	.40	.18
288 PUBLISHING ONLY	.00	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING	.34	.09	2.11	.13	.53	1.84	1.07
12 PRIMARY METAL IND	20.01	21.95	3.32	19.71	21.63	8.34	9.08
291 IRON & STEEL MILLS	11.73	10.55	1.59	12.74	12.92	4.73	5.75
292 STEEL PIPE & TUBE MILLS	.39	.14	.12	.52	.45	.34	.54
294 IRON FOUNDRIES	1.01	.33	.31	.72	1.62	.81	.63
295 SMELTING & REFINING	5.60	9.70	.47	4.51	5.11	1.28	.68
296 ALUMINUM ROLLING, CASTING & EXTRUDING	.53	.66	.26	.42	.68	.48	.61
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.							
13 METAL FABRICATING IND	4.54	2.42	10.12	4.86	5.04	10.34	8.28
301 BOILER & PLATE WORKS	.19	.24	.47	.16	.19	.71	.66
302 FABRICATED STRUCTURAL METAL IND	.31	.25	1.72	.21	.32	.84	.68
303 ORNAMENTAL & ARCHITECTURAL METAL IND	.32	.21	1.71	.24	.33	.84	.78
304 METAL STAMPING, PRESSING & COATING IND	1.29	.49	2.39	1.56	1.36	2.36	2.19
305 WIRE & WIRE PRODUCTS MFRS	.74	.12	.34	.90	.92	1.25	1.14
306 HARDWARE, TOOL & CUTLERY MFRS	.44	.19	1.04	.36	.63	1.64	.86
307 HEATING EQUIPMENT MFRS	.13	.02	.31	.17	.14	.36	.26
308 MACHINE SHOPS	.10	.09	.75	.05	.12	.48	.23

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TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1976
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY EMPLOYEES		TOTAL SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
309 MISCELLANEOUS METAL FABRICATING IND.....	1.03	.81	1.38	1.21	1.03	1.87	1.48					
14 MACHINERY IND.....	1.99	1.15	3.87	1.91	2.53	6.39	5.18					
311 AGRICULTURAL IMPLEMENTS IND.....	.58	.38	.66	.71	.60	1.22	1.05					
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	1.12	.70	1.87	1.00	1.49	4.08	3.13					
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	.08	.03	.22	.09	.09	.31	.31					
318 OFFICE & STORE MACHINERY MFRS.....	.21	.04	1.11	.11	.35	.78	.70					
15 TRANSPORTATION EQUIPMENT IND.....	6.98	5.65	9.58	5.51	9.01	12.43	20.77					
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	.27	.41	.25	.16	.38	.94	.59					
323 MOTOR VEHICLE MFRS.....	2.58	3.45	5.41	1.72	2.55	4.61	12.69					
324 TRUCK BODY & TRAILER MFRS.....	.18	.11	.68	.16	.20	.55	.43					
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	3.58	1.23	2.67	3.15	5.42	5.39	6.17					
326 RAILROAD ROLLING STOCK IND.....	.27	.38	.16	.25	.30	.52	.65					
327 SHIPBUILDING & REPAIR.....	.08	.05	.26	.04	.13	.27	.14					
328 BOATBUILDING & REPAIR.....	.03	.03	.14	.02	.03	.15	.09					
329 MISCELLANEOUS VEHICLE MFRS.....	.00	.00	.02	.00	.00	.01	.00					
16 ELECTRICAL PRODUCTS IND.....	2.59	1.45	1.94	2.32	3.81	9.47	6.39					
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	.16	.05	.21	.18	.21	.61	.45					
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	.42	.21	.00	.56	.46	.97	.79					
333 MFRS OF LIGHTING FIXTURES.....	.04	.01	.10	.04	.05	.17	.14					
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	.07	.05	.01	.05	.11	.59	.46					

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1976
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY (%)	EMPLOYEES (%)	TOTAL (%)	SHIPMENTS OF OWN MANUFACTURE (%)
335 COMMUNICATIONS EQUIPMENT MFRS.....	.45	.26	.36	.28	.80		2.70	1.74
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	.71	.51	.65	.61	.99		2.85	1.55
338 MFRS OF ELECTRIC WIRE & CABLE.....	.42	.17	.12	.32	.73		.63	.71
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	.32	.19	.49	.28	.47		.96	.56
17 NON-METALLIC MINERAL PRODUCTS IND.....	9.97	11.20	6.58	11.64	7.20		3.23	2.73
351 CLAY PRODUCTS MFRS.....	.82	.34	.45	1.58	.40		.33	.19
352 CEMENT MFRS.....	3.12	3.91	.12	2.84	1.92		.16	.28
353 STONE PRODUCTS MFRS.....	.01	.01	.05	.00	.01		.02	.01
354 CONCRETE PRODUCTS MFRS.....	.60	1.36	2.96	.41	.29		.55	.39
355 READY MIX CONCRETE MFRS.....	.53	2.19	2.07	.09	.20		.37	.43
356 GLASS & GLASS PRODUCTS MFRS.....	1.83	.07	.30	3.55	1.24		.90	.67
357 ABRASIVES MFRS.....	.85	.07	.11	.14	2.20		.25	.22
358 LIME MFRS.....	.97	1.31	.06	1.60	.18		.04	.06
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1.24	1.95	.46	1.42	.76		.61	.48
18 PETROLEUM & COAL PRODUCTS IND.....	2.03	.44	.37	1.29	3.51		1.10	4.19
365 PETROLEUM REFINERIES.....	1.93	.14	.15	1.21	3.47		1.07	4.15
369 MISC PETROLEUM & COAL PRODUCTS IND.....	.10	.31	.23	.08	.04		.02	.04
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	19.04	26.23	4.81	20.01	12.55		5.08	6.84
372 MFRS OF MIXED FERTILIZERS.....	.05	.00	.54	.01	.05		.08	.14
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	.60	.75	.16	.64	.54		.26	.50

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1976
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	.31	.18	1.30	.26	.37	.86	.72							
375 PAINT & VARNISH MFRS.....	.21	.28	.55	.13	.25	.52	.56							
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	.41	.15	.23	.63	.31	.60	.78							
377 MFRS OF TOILET PREPARATIONS.....	.08	.12	.05	.06	.09	.38	.29							
378 MFRS OF INDUSTRIAL CHEMICALS.....	16.69	23.65	.85	17.71	10.34	1.47	2.81							
379 MISCELLANEOUS CHEMICAL IND.....	.70	1.11	1.13	.57	.62	.91	1.05							
20 MISCELLANEOUS MANUFACTURING IND.....	1.16	1.13	3.07	.84	1.45	4.83	2.93							
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	.37	.64	.62	.16	.51	1.75	1.11							
392 JEWELLERY & SILVERWARE IND.....	.09	.02	.18	.08	.13	.56	.49							
393 SPORTING GOODS & TOY IND.....	.23	.20	.68	.18	.28	.79	.46							
397 SIGNS & DISPLAYS IND.....	.10	.06	.83	.07	.10	.41	.17							
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	.37	.21	.76	.36	.43	1.32	.70							
ALL MANUFACTURING INDUSTRIES.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00							

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 4
DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1976

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
1 FOOD & BEVERAGE IND.....	83,124	1,087.14	172.11	173.27	412.31	.85 305.23
101 MEAT & POULTRY PRODUCTS IND.....	14,835	955.66	182.16	169.00	302.82	.00 295.08
102 FISH PRODUCTS IND.....	575	813.46	115.05	60.31	199.33	3.22 419.87
103 FRUIT & VEGETABLE PROCESSING IND.....	10,855	767.47	208.97	34.37	279.98	4.28 228.14
104 DAIRY PRODUCTS IND.....	8,269	1,533.06	333.49	421.45	359.26	.87 394.48
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	2,772	1,228.00	96.54	36.25	440.26	.20 649.60
106 FEED IND.....	3,282	1,600.65	336.14	353.53	410.76	.00 465.71
107 BAKERY PRODUCTS IND.....	13,281	608.21	63.02	184.90	213.94	.00 140.81
108 MISCELLANEOUS FOOD IND.....	16,734	1,371.69	137.33	119.33	671.03	.86 368.39
109 BEVERAGE IND.....	12,521	1,200.08	160.22	182.87	560.43	.00 291.59
2 TOBACCO PRODUCTS IND.....	3,271	672.50	102.45	74.86	138.05	.00 337.39
151 LEAF TOBACCO PROCESSORS.....						
153 TOBACCO PRODUCTS MFRS.....						
3 RUBBER & PLASTICS PRODUCTS IND.....	35,041	824.28	95.19	19.59	255.46	.00 404.46
162 RUBBER PRODUCTS IND.....	18,201	893.20	127.98	6.17	325.99	.00 401.82
165 PLASTICS FABRICATING IND, N.E.S.....	16,840	749.80	59.75	34.10	179.23	.00 407.32
4 LEATHER IND.....	13,096	277.02	54.43	6.27	102.96	.00 112.08
172 LEATHER TANNERIES.....	1,993	1,091.47	266.50	6.76	499.13	.00 311.19
174 SHOE FACTORIES.....	8,311	119.55	14.32	5.47	27.93	.00 71.84
175 LEATHER GLOVE FACTORIES.....	355	168.21	5.80	4.05	85.12	.00 72.39

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1976

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
5 TEXTILE IND.....	2,437	163.80	24.84	8.94	37.44	.00	92.24
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	29,897	924.17	214.57	21.27	281.95	.00	377.32
181 COTTON YARN & CLOTH MILLS.....							
182 WOOL YARN & CLOTH MILLS.....	1,720	689.07	13.00	7.75	376.19	.00	292.13
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	9,140	1,801.19	604.06	7.79	448.17	.00	736.98
184 CORDAGE & TWINE IND.....	398	375.75	74.88	15.00	21.39	.00	264.48
185 FELT & FIBRE PROCESSING MILLS.....	871	772.32	171.34	42.76	245.76	.00	309.73
186 CARPET, MAT & RUG IND.....							
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	1,244	242.50	49.54	71.07	45.74	.00	74.99
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	5,451	314.52	35.72	8.26	96.20	.00	149.12
189 MISCELLANEOUS TEXTILE IND.....							
6 KNITTING MILLS.....	6,987	370.29	71.56	5.21	135.52	.00	141.35
231 HOSIERY MILLS.....	1,871	276.47	45.48	7.74	104.28	.00	112.85
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	5,116	404.60	81.10	4.28	146.95	.00	151.77
7 CLOTHING IND.....	23,197	91.99	14.33	9.02	17.14	.00	49.28
243 MEN'S CLOTHING IND.....	12,495	91.80	20.53	8.22	16.74	.00	43.00
244 WOMEN'S CLOTHING IND.....	6,751	67.36	4.08	4.95	11.57	.00	45.95
245 CHILDREN'S CLOTHING IND.....							
246 FUR GOODS IND.....	532	96.81	4.16	35.00	2.23	.00	55.42
248 FOUNDATION GARMENT IND.....							

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1976

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED						
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY	
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
CONFIDENTIAL								
249 MISCELLANEOUS CLOTHING IND.....								
8 WOOD IND.....	19,872	883.73	193.18	138.35	175.51		1.12	330.57
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	5,660	1,294.06	427.40	223.29	107.51		1.79	500.91
252 VENEER & PLYWOOD MILLS.....	2,039	712.97	94.36	49.88	264.03		5.09	292.31
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	7,233	435.69	71.02	130.67	57.46		.00	170.23
256 WOODEN BOX FACTORIES.....	2,240	501.93	157.09	119.35	67.24		.00	141.49
258 COFFIN & CASKET IND.....	252	585.23	196.55	186.11	47.24		6.94	147.09
259 MISCELLANEOUS WOOD IND.....	2,448	1,781.11	127.56	50.84	720.11		.00	634.23
9 FURNITURE & FIXTURE IND.....	23,173	297.31	43.13	23.82	95.10		.22	131.50
261 HOUSEHOLD FURNITURE MFRS.....	13,228	264.30	44.16	22.69	66.11		.38	126.82
264 OFFICE FURNITURE MFRS.....	3,030	436.56	31.69	7.06	213.57		.00	175.57
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	6,242	314.25	49.22	36.43	104.26		.00	124.14
268 ELECTRIC LAMP & SHADE MFRS.....	673	162.12	17.77	4.36	46.59		.00	93.40
10 PAPER & ALLIED IND.....								
271 PULP & PAPER MILLS.....	45,645	3,185.68	344.87	30.10	1,492.98		82.21	1,199.17
272 ASPHALT ROOFING MFRS.....	21,693	6,053.14	669.71	15.01	2,887.09		170.74	2,252.19
273 PAPER BOX & BAG MFRS.....	371	2,838.25	435.46	53.64	1,667.41		.00	670.57
274 MISCELLANEOUS PAPER CONVERTERS.....	12,214	576.43	45.22	62.33	194.58		3.97	248.68
11 PRINTING, PUBLISHING & ALLIED IND.....	11,367	528.39	43.97	23.47	221.89		.00	228.15
286 COMMERCIAL PRINTING.....	47,080	217.28	13.71	33.84	45.30		.01	115.20

TABLE 4 (CONT'D) DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1976

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	3,430	209.45	17.29	47.08	35.69	.00 102.09
288 PUBLISHING ONLY.....	5,147	.00	.00	.00	.00	.00 .00
289 PUBLISHING & PRINTING.....	15,695	228.60	9.35	53.76	34.24	.04 126.54
12 PRIMARY METAL IND.....	71,067	3,000.32	513.46	18.70	1,136.71	84.19 1,146.77
291 IRON & STEEL MILLS.....	40,315	3,098.98	434.85	15.84	1,295.46	1.23 1,207.19
292 STEEL PIPE & TUBE MILLS.....	2,929	1,416.82	80.94	16.63	723.35	.00 575.83
294 IRON FOUNDRIES.....	6,902	1,555.31	79.30	17.90	429.54	27.98 885.61
295 SMELTING & REFINING.....	10,871	5,491.72	1,482.79	17.50	1,698.94	515.29 1,770.27
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	4,130	1,368.35	267.54	25.59	421.40	.00 621.73
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.....						
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S....						
13 METAL FABRICATING IND.....	88,090	549.50	45.71	46.04	226.27	.13 215.58
301 BOILER & PLATE WORKS.....	6,072	325.85	65.76	31.12	105.91	.00 119.93
302 FABRICATED STRUCTURAL METAL IND.....	7,115	463.63	58.90	96.85	122.04	.00 171.22
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	7,139	470.62	49.32	96.12	137.93	1.23 176.36
304 METAL STAMPING, PRESSING & COATING IND.....	20,126	680.38	40.49	47.65	318.19	.00 254.82
305 WIRE & WIRE PRODUCTS MFRS.....	10,623	742.86	19.29	12.98	345.38	.00 325.53
306 HARDWARE, TOOL & CUTLERY MFRS.....	13,975	335.52	22.17	29.80	106.80	.00 168.54
307 HEATING EQUIPMENT MFRS.....	3,059	459.37	10.91	40.09	227.44	.00 167.77
308 MACHINE SHOPS.....	4,056	271.57	35.65	74.19	49.54	.23 109.54

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TABLE 4 (CONT'D) DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1976

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				COAL	ELECTRICITY
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)		
309 MISCELLANEOUS METAL FABRICATING IND.....	15,925	690.00	84.70	34.82	312.32	.11	244.00
14 MACHINERY IND.....	54,438	390.11	35.18	28.45	144.08	.87	175.25
311 AGRICULTURAL IMPLEMENTS IND.....	10,418	592.29	60.90	25.50	277.87	.00	218.11
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	34,736	343.27	33.73	21.52	118.43	1.36	161.65
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	2,682	324.35	17.08	33.57	143.64	.00	126.17
318 OFFICE & STORE MACHINERY MFRS.....	6,602	344.22	9.58	67.47	68.08	.00	199.08
15 TRANSPORTATION EQUIPMENT IND.....	105,889	702.28	88.77	36.25	213.11	26.04	320.46
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	7,979	357.08	85.24	12.44	81.00	.00	177.89
323 MOTOR VEHICLE MFRS.....	39,267	699.22	146.01	55.20	179.46	70.23	244.98
324 TRUCK BODY & TRAILER MFRS.....	4,692	407.59	37.85	57.79	143.72	.00	158.03
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	45,908	829.95	44.56	23.27	281.65	.00	444.87
326 RAILROAD ROLLING STOCK IND.....	4,424	640.42	142.37	14.31	228.04	.00	252.53
327 SHIPBUILDING & REPAIR.....	2,271	382.61	37.27	46.63	72.57	.00	215.79
328 BOATBUILDING & REPAIR.....	1,289	245.29	37.40	43.56	64.87	.00	88.27
329 MISCELLANEOUS VEHICLE MFRS.....	59	444.27	.00	113.69	181.97	.00	148.61
16 ELECTRICAL PRODUCTS IND.....	80,702	341.44	29.83	9.63	117.57	.17	177.90
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	5,211	324.37	16.49	15.91	141.04	.00	150.52
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	8,281	534.74	41.61	.10	275.14	.00	207.62
333 MFRS OF LIGHTING FIXTURES.....	1,484	284.62	11.95	27.23	107.18	.00	136.69
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	5,007	150.35	15.70	1.13	41.00	.00	84.53

TABLE 4 (CONT'D) DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1976

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	22,992	208.26	19.05	6.27	50.17	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	24,235	312.93	34.68	10.70	102.79	.00
338 MFRS OF ELECTRIC WIRE & CABLE.....	5,332	835.34	54.44	9.29	246.58	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	8,160	420.91	38.22	23.86	141.03	1.70
17 NON-METALLIC MINERAL PRODUCTS IND.....	27,477	3,865.47	677.59	95.90	1,735.68	327.05
351 CLAY PRODUCTS MFRS.....	2,770	3,168.98	202.89	64.45	2,342.09	.00
352 CEMENT MFRS.....	1,352	24,603.99	4,809.19	36.83	8,598.38	5,813.65
353 STONE PRODUCTS MFRS.....	207	375.05	53.91	104.96	72.73	5.07
354 CONCRETE PRODUCTS MFRS.....	4,704	1,359.28	482.36	251.86	359.91	.00
355 READY MIX CONCRETE MFRS.....	3,139	1,790.09	1,159.21	264.07	122.42	.00
356 GLASS & GLASS PRODUCTS MFRS.....	7,658	2,550.43	14.15	15.61	1,898.37	.00
357 ABRASIVES MFRS.....	2,110	4,271.85	54.29	20.82	271.83	.00
358 LIME MFRS.....	366	28,151.61	5,952.48	69.16	17,872.44	2,380.90
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	5,171	2,558.46	625.36	35.32	1,128.14	49.11
18 PETROLEUM & COAL PRODUCTS IND.....	9,348	2,317.30	78.67	16.05	567.45	.00
365 PETROLEUM REFINERIES.....	9,152	2,246.84	24.92	6.48	544.04	.00
369 MISC PETROLEUM & COAL PRODUCTS IND.....	196	5,607.29	2,588.44	462.92	1,660.65	.00
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	43,278	4,687.84	1,007.50	44.50	1,894.91	.00
372 MFRS OF MIXED FERTILIZERS.....	653	734.20	10.89	334.30	71.96	.00
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	2,224	2,883.91	557.66	28.29	1,175.96	.00

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1976

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	7,283	457.08	40.48	71.48	147.87	.00 189.89
375 PAINT & VARNISH MFRS.....	4,417	504.52	104.16	49.67	116.66	.00 211.95
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	5,111	855.12	47.99	18.01	508.25	.00 224.97
377 MFRS OF TOILET PREPARATIONS.....	3,268	251.48	60.39	5.67	74.66	.00 107.06
378 MFRS OF INDUSTRIAL CHEMICALS.....	12,544	14,175.55	3,133.79	27.10	5,786.89	.00 3,104.86
379 MISCELLANEOUS CHEMICAL IND.....	7,778	953.90	237.52	58.41	298.39	.00 298.05
20 MISCELLANEOUS MANUFACTURING IND.....	41,139	299.31	45.85	29.90	84.04	.00 132.74
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	14,920	265.43	71.53	16.76	42.99	.00 129.51
392 JEWELLERY & SILVERWARE IND.....	4,766	195.24	7.09	14.74	67.74	.00 105.28
393 SPORTING GOODS & TOY IND.....	6,770	354.13	49.78	40.11	108.84	.00 153.46
397 SIGNS & DISPLAYS IND.....	3,456	317.85	27.51	96.44	79.58	.00 107.79
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	11,227	349.74	31.44	27.17	131.91	.00 143.87
ALL MANUFACTURING INDUSTRIES.....	851,811	1,250.71	195.17	47.03	481.14	25.47 442.27

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 5 COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1976

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)				
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL ELECTRICITY (%)
1 FOOD & BEVERAGE IND.....	90,368	15.83	15.94	.72	37.93	.08
101 MEAT & POULTRY PRODUCTS IND.....	14,177	19.06	17.68	.24	31.69	.00
102 FISH PRODUCTS IND.....	468	14.14	7.41	1.93	24.50	.40
103 FRUIT & VEGETABLE PROCESSING IND.....	8,331	27.23	4.48	1.53	36.48	.56
104 DAIRY PRODUCTS IND.....	12,677	21.75	27.49	1.53	23.43	.06
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	3,404	7.86	2.95	.42	35.85	.02
106 FEED IND.....	5,253	21.00	22.09	1.64	25.66	.00
107 BAKERY PRODUCTS IND.....	8,078	10.36	30.40	.91	35.18	.00
108 MISCELLANEOUS FOOD IND.....	22,954	10.01	8.70	.22	48.92	.06
109 BEVERAGE IND.....	15,026	13.35	15.24	.41	46.70	.00
2 TOBACCO PRODUCTS IND.....	2,200	15.23	11.13	2.38	20.53	.00
151 LEAF TOBACCO PROCESSORS.....						
153 TOBACCO PRODUCTS MFRS.....						
3 RUBBER & PLASTICS PRODUCTS IND.....	28,884	11.55	2.38	.60	30.99	.00
162 RUBBER PRODUCTS IND.....	16,257	14.33	.69	.68	36.50	.00
165 PLASTICS FABRICATING IND, N.E.S.....	12,627	7.97	4.55	.51	23.90	.00
4 LEATHER IND.....	3,628	19.65	2.26	.46	37.17	.00
172 LEATHER TANNERIES.....	2,175	24.42	.62	.72	45.73	.00
174 SHOE FACTORIES.....	994	11.98	4.57	.00	23.36	.00
175 LEATHER GLOVE FACTORIES.....	60	3.45	2.40	.51	50.60	.00

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TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1976

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
5 TEXTILE IND.....	399	15.17	5.46	.20	22.86	.00	56.32
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	27,630	23.22	2.30	.46	30.51	.00	40.83
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	1,185	1.89	1.13	.00	54.59	.00	42.40
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	16,463	33.54	.43	.22	24.88	.00	40.92
184 CORDAGE & TWINE IND.....	150	19.93	3.99	.00	5.69	.00	70.39
185 FELT & FIBRE PROCESSING MILLS.....	673	22.19	5.54	.35	31.82	.00	40.10
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	302	20.43	29.31	.48	18.86	.00	30.92
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	1,714	11.36	2.63	1.20	30.59	.00	47.41
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL			
6 KNITTING MILLS.....	2,587	19.33	1.41	.03	36.60	.00	38.17
231 HOSIERY MILLS.....	517	16.45	2.80	.00	37.72	.00	40.82
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	2,070	20.04	1.06	.04	36.32	.00	37.51
7 CLOTHING IND.....							
243 MEN'S CLOTHING IND.....	2,134	15.58	9.80	.14	18.63	.00	53.56
244 WOMEN'S CLOTHING IND.....	1,147	22.37	8.96	.00	18.24	.00	46.84
245 CHILDREN'S CLOTHING IND.....	455	6.06	7.35	.00	17.18	.00	68.21
246 FUR GOODS IND.....				CONFIDENTIAL			
248 FOUNDATION GARMENT IND.....	52	4.30	36.15	.00	2.30	.00	57.25
				CONFIDENTIAL			

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1976

	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)				
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL ELECTRICITY (%)
SIC MAJOR GP & IND GP						
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL		
8 WOOD IND.....	17,561	21.86	15.66	2.02	19.86	37.41
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	7,324	33.03	17.26	.28	8.31	38.71
252 VENEER & PLYWOOD MILLS.....	1,454	13.23	7.00	1.03	37.03	41.00
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	3,151	16.30	29.99	1.07	13.19	39.07
256 WOODEN BOX FACTORIES.....	1,124	31.30	23.78	3.34	13.40	28.19
258 COFFIN & CASKET IND.....	147	33.59	31.80	.22	8.07	25.13
259 MISCELLANEOUS WOOD IND.....	4,360	7.16	2.85	5.71	40.43	35.61
9 FURNITURE & FIXTURE IND.....	6,890	14.51	8.01	.90	31.99	44.23
261 HOUSEHOLD FURNITURE MFRS.....	3,496	16.71	8.58	1.00	25.01	47.98
264 OFFICE FURNITURE MFRS.....	1,323	7.26	1.62	1.95	48.92	40.22
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	1,962	15.66	11.59	.06	33.18	39.50
268 ELECTRIC LAMP & SHADE MFRS.....	109	10.96	2.69	.00	28.74	57.62
10 PAPER & ALLIED IND.....	145,410	10.83	.94	.34	46.87	37.64
271 PULP & PAPER MILLS.....	131,311	11.06	.25	.20	47.70	37.21
272 ASPHALT ROOFING MFRS.....	1,053	15.34	1.89	.39	58.75	23.63
273 PAPER BOX & BAG MFRS.....	7,041	7.85	10.81	2.44	33.76	43.14
274 MISCELLANEOUS PAPER CONVERTERS.....	6,006	8.32	4.44	1.05	41.99	43.18
11 PRINTING, PUBLISHING & ALLIED IND.....	10,229	6.31	15.58	.11	20.85	53.02
286 COMMERCIAL PRINTING.....	5,923	7.42	9.93	.19	24.86	52.13

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1976

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (%)						COAL ELECTRICITY (%)
		FUEL OIL (%)	LIQUID PETROLEUM		NATURAL GAS			
			GASOLINE (%)	GAS (%)	GAS (%)	GAS (%)		
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	718	8.25	22.48	.00	.00	17.04	.00	48.74
288 PUBLISHING ONLY.....	0	.00	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	3,588	4.09	23.52	.00	.00	14.98	.02	55.35
12 PRIMARY METAL IND.....	213,224	17.11	.62	.29	.29	37.89	2.83	38.22
291 IRON & STEEL MILLS.....	124,935	14.03	.51	.07	.07	41.80	.04	38.95
292 STEEL PIPE & TUBE MILLS.....	4,150	5.71	1.17	.81	.81	51.05	.00	40.64
294 IRON FOUNDRIES.....	10,735	5.10	1.15	.91	.91	27.62	1.80	56.94
295 SMELTING & REFINING.....	59,700	27.00	.32	.12	.12	30.94	9.38	32.24
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	5,651	19.55	1.87	2.34	2.34	30.80	.00	45.44
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.								
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...								
13 METAL FABRICATING IND.....	48,406	8.32	8.38	1.97	1.97	41.18	.02	39.23
301 BOILER & PLATE WORKS.....	1,979	20.18	9.55	.96	.96	32.50	.00	36.81
302 FABRICATED STRUCTURAL METAL IND.....	3,299	12.70	20.89	3.15	3.15	26.32	.00	36.93
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	3,360	10.48	20.43	2.05	2.05	29.31	.26	37.47
304 METAL STAMPING, PRESSING & COATING IND.....	13,693	5.95	7.00	1.80	1.80	46.77	.00	37.45
305 WIRE & WIRE PRODUCTS MFRS.....	7,691	2.60	1.75	2.97	2.97	46.49	.00	43.82
306 HARDWARE, TOOL & CUTLERY MFRS.....	4,689	6.61	8.88	1.55	1.55	31.83	.00	50.23
307 HEATING EQUIPMENT MFRS.....	1,405	2.38	8.73	2.86	2.86	49.51	.00	36.52
308 MACHINE SHOPS.....	1,101	13.13	27.32	.89	.89	18.24	.08	40.34

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1976

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (%)					
		FUEL OIL (%)	LIQUID PETROLEUM		NATURAL GAS		COAL ELECTRICITY (%)
			GASOLINE (%)	GAS (%)	GAS (%)	(%)	
309 MISCELLANEOUS METAL FABRICATING IND.....	10,988	12.27	5.05	1.43	45.26	.02	35.36
14 MACHINERY IND.....	21,237	9.02	7.29	1.37	36.93	.22	44.92
311 AGRICULTURAL IMPLEMENTS IND.....	6,170	10.28	4.31	1.68	46.91	.00	36.82
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	11,924	9.83	6.27	1.48	34.50	.40	47.09
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	870	5.27	10.35	1.20	44.28	.00	38.90
318 OFFICE & STORE MACHINERY MFRS.....	2,273	2.78	19.60	.00	19.78	.00	57.83
15 TRANSPORTATION EQUIPMENT IND.....	74,364	12.64	5.16	1.00	30.34	3.71	45.63
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	2,849	23.87	3.48	.05	22.68	.00	49.82
323 MOTOR VEHICLE MFRS.....	27,456	20.88	7.89	.48	25.67	10.04	35.04
324 TRUCK BODY & TRAILER MFRS.....	1,912	9.29	14.18	2.50	35.26	.00	38.77
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	38,101	5.37	2.80	1.39	33.94	.00	53.60
326 RAILROAD ROLLING STOCK IND.....	2,833	22.23	2.23	.36	35.61	.00	39.43
327 SHIPBUILDING & REPAIR.....	869	9.74	12.19	2.70	18.97	.00	56.40
328 BOATBUILDING & REPAIR.....	316	15.25	17.76	.54	26.45	.00	35.99
329 MISCELLANEOUS VEHICLE MFRS.....	26	.00	25.59	.00	40.96	.00	33.45
16 ELECTRICAL PRODUCTS IND.....	27,555	8.74	2.82	.75	34.43	.05	52.10
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	1,690	5.08	4.91	.12	43.48	.00	46.40
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	4,428	7.78	.02	.96	51.45	.00	38.83
333 MFRS OF LIGHTING FIXTURES.....	422	4.20	9.57	.56	37.66	.00	48.02
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	753	10.44	.75	2.29	27.27	.00	56.23

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1976

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					COAL ELECTRICITY (\$)
		FUEL OIL (\$)	GASOLINE (\$)	LIQUID PETROLEUM GAS (\$)		NATURAL GAS (\$)	
335 COMMUNICATIONS EQUIPMENT MFRS.....	4,788	9.15	3.01	.22	24.09	.00	63.22
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	7,584	11.08	3.42	.77	32.85	.00	48.94
338 MFRS OF ELECTRIC WIRE & CABLE.....	4,454	6.52	1.11	1.52	29.52	.00	61.33
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	3,435	9.08	5.67	.20	33.51	.40	51.14
17 NON-METALLIC MINERAL PRODUCTS IND.....	106,211	17.53	2.48	.37	44.90	8.46	25.55
351 CLAY PRODUCTS MFRS.....	8,778	6.40	2.03	.23	73.91	.00	17.37
352 CEMENT MFRS.....	33,265	19.55	.15	.03	34.95	23.63	21.69
353 STONE PRODUCTS MFRS.....	78	14.37	27.99	.00	19.39	1.35	36.90
354 CONCRETE PRODUCTS MFRS.....	6,394	35.49	18.53	2.26	26.48	.00	17.24
355 READY MIX CONCRETE MFRS.....	5,619	64.76	14.75	.09	6.84	.00	13.56
356 GLASS & GLASS PRODUCTS MFRS.....	19,531	.55	.61	.50	74.43	.00	23.86
357 ABRASIVES MFRS.....	9,014	1.27	.49	.07	6.36	.00	91.81
358 LIME MFRS.....	10,303	21.14	.25	.00	63.49	8.46	6.67
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	13,230	24.44	1.38	.84	44.09	1.92	21.75
18 PETROLEUM & COAL PRODUCTS IND.....	21,662	3.39	.69	.02	24.49	.00	61.04
365 PETROLEUM REFINERIES.....	20,563	1.11	.29	.00	24.21	.00	63.49
369 MISC PETROLEUM & COAL PRODUCTS IND.....	1,099	46.16	8.26	.37	29.62	.00	15.27
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	202,880	21.49	.95	.20	40.42	.00	23.31
372 MFRS OF MIXED FERTILIZERS.....	479	1.48	45.53	4.21	9.80	.00	38.97
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	6,414	19.34	.98	.36	40.78	.00	31.49

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1976

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS		NATURAL GAS (%)	COAL (%)
				PETROLEUM GAS (%)	NATURAL GAS (%)		
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	3,329	8.86	15.64	.02		32.35	.00
375 PAINT & VARNISH MFRS.....	2,228	20.65	9.84	.88		23.12	.00
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	4,370	5.61	2.11	.82		59.44	.00
377 MFRS OF TOILET PREPARATIONS.....	822	24.02	2.25	.00		29.69	.00
378 MFRS OF INDUSTRIAL CHEMICALS.....	177,818	22.11	.19	.17		40.82	.00
379 MISCELLANEOUS CHEMICAL IND.....	7,419	24.90	6.12	.19		31.28	.00
20 MISCELLANEOUS MANUFACTURING IND.....	12,313	15.32	9.99	.58		28.08	.00
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	3,960	26.95	6.31	.69		16.20	.00
392 JEWELLERY & SILVERWARE IND.....	930	3.63	7.55	.20		34.70	.00
393 SPORTING GOODS & TOY IND.....	2,397	14.06	11.33	.55		30.74	.00
397 SIGNS & DISPLAYS IND.....	1,098	8.65	30.34	2.01		25.04	.00
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	3,927	8.99	7.77	.18		37.72	.00
ALL MANUFACTURING INDUSTRIES.....	1,065,373	15.60	3.76	.53		38.47	2.04

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 6 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS	VALUE ADDED
					(GAL)	(GAL)
1 FOOD & BEVERAGE IND.....	38,705	14,307	.37	466	6	16
101 MEAT & POULTRY PRODUCTS IND.....	7,953	2,702	.34	536	5	21
102 FISH PRODUCTS IND.....	157	66	.42	273	6	16
103 FRUIT & VEGETABLE PROCESSING IND.....	7,075	2,268	.32	652	11	28
104 DAIRY PRODUCTS IND.....	6,972	2,758	.40	843	7	33
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	512	268	.52	185	2	5
106 FEED IND.....	2,382	1,103	.46	726	6	24
107 BAKERY PRODUCTS IND.....	1,503	837	.56	113	3	7
108 MISCELLANEOUS FOOD IND.....	7,197	2,298	.32	430	5	12
109 BEVERAGE IND.....	4,954	2,006	.40	396	6	9
2 TOBACCO PRODUCTS IND.....	1,130	335	.30	345	2	6
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MFRS.....			CONFIDENTIAL			
3 RUBBER & PLASTICS PRODUCTS IND.....	11,166	3,336	.30	319	8	16
162 RUBBER PRODUCTS IND.....	8,324	2,329	.28	457	11	21
165 PLASTICS FABRICATING IND, N.E.S.....	2,843	1,006	.35	169	4	9
4 LEATHER IND.....	2,344	713	.30	179	6	13
172 LEATHER TANNERIES.....	1,958	531	.27	982	21	53
174 SHOE FACTORIES.....	216	119	.55	26	1	2
175 LEATHER GLOVE FACTORIES.....	5	2	.41	14	1	1

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
5 TEXTILE IND.....	165	61	.37	68	3	5
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	25,364	6,415	.25	848	21	45
181 COTTON YARN & CLOTH MILLS.....						
182 WOOL YARN & CLOTH MILLS.....	55	22	.40	32	1	2
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	22,632	5,521	.24	2,476	57	131
184 CORDAGE & TWINE IND.....	90	30	.33	227	9	17
185 FELT & FIBRE PROCESSING MILLS.....	404	149	.37	463	13	29
186 CARPET, MAT & RUG IND.....						
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	145	62	.43	117	4	8
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	543	195	.36	100	2	4
189 MISCELLANEOUS TEXTILE IND.....						
6 KNITTING MILLS.....	1,595	500	.31	228	9	19
231 HOSIERY MILLS.....	234	85	.36	125	6	11
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	1,362	415	.30	266	11	21
7 CLOTHING IND.....	934	332	.36	40	2	3
243 MEN'S CLOTHING IND.....	694	257	.37	56	2	4
244 WOMEN'S CLOTHING IND.....	70	28	.39	10	0	1
245 CHILDREN'S CLOTHING IND.....						
246 FUR GOODS IND.....	5	2	.42	10	0	1
248 FOUNDATION GARMENT IND.....						

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
249 MISCELLANEOUS CLOTHING IND.....						
8 WOOD IND.....	7,407	3,839	.52	373	10	22
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	4,209	2,419	.57	744	19	42
252 VENEER & PLYWOOD MILLS.....	521	192	.37	255	10	22
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	1,061	514	.48	147	4	8
256 WOODEN BOX FACTORIES.....	854	352	.41	381	12	23
258 COFFIN & CASKET IND.....	91	50	.55	360	17	30
259 MISCELLANEOUS WOOD IND.....	671	312	.47	274	8	17
9 FURNITURE & FIXTURE IND.....	2,399	999	.42	104	3	6
261 HOUSEHOLD FURNITURE MFRS.....	1,412	584	.41	107	4	7
264 OFFICE FURNITURE MFRS.....	241	96	.40	80	2	4
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	719	307	.43	115	3	7
268 ELECTRIC LAMP & SHADE MFRS.....	27	12	.44	40	1	3
10 PAPER & ALLIED IND.....	54,064	15,742	.29	1,184	22	51
271 PULP & PAPER MILLS.....	50,452	14,528	.29	2,326	41	93
272 ASPHALT ROOFING MFRS.....	636	162	.25	1,715	17	41
273 PAPER BOX & BAG MFRS.....	1,412	552	.39	116	2	5
274 MISCELLANEOUS PAPER CONVERTERS.....	1,564	500	.32	138	3	7
11 PRINTING, PUBLISHING & ALLIED IND.....	1,615	646	.40	34	1	2
286 COMMERCIAL PRINTING.....	1,103	439	.40	48	2	5

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED	(GAL)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	121	59	.49	35	1	2	2
288 PUBLISHING ONLY.....	0	0	.00	0	0	0	0
289 PUBLISHING & PRINTING.....	391	147	.38	25	1	1	1
12 PRIMARY METAL IND.....	136,439	36,490	.27	1,920	30	71	71
291 IRON & STEEL MILLS.....	66,776	17,531	.26	1,656	23	54	54
292 STEEL PIPE & TUBE MILLS.....	846	237	.28	289	3	11	11
294 IRON FOUNDRIES.....	1,503	547	.36	218	5	9	9
295 SHELTING & REFINING.....	61,487	16,119	.26	5,656	182	282	282
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	3,567	1,105	.31	864	12	40	40
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL				
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL				
13 METAL FABRICATING IND.....	10,392	4,027	.39	118	3	5	5
301 BOILER & PLATE WORKS.....	845	399	.47	139	3	6	6
302 FABRICATED STRUCTURAL METAL IND.....	762	419	.55	107	2	4	4
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	611	352	.58	86	2	3	3
304 METAL STAMPING, PRESSING & COATING IND.....	1,980	815	.41	98	2	4	4
305 WIRE & WIRE PRODUCTS MFRS.....	525	205	.39	49	1	2	2
306 HARDWARE, TOOL & CUTLERY MFRS.....	955	310	.32	68	2	4	4
307 HEATING EQUIPMENT MFRS.....	90	33	.37	29	1	1	1
308 MACHINE SHOPS.....	340	145	.43	84	3	4	4

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
309 MISCELLANEOUS METAL FABRICATING IND.....	4,283	1,349	.31	269	6	12
14 MACHINERY IND.....	5,371	1,915	.36	99	2	5
311 AGRICULTURAL IMPLEMENTS IND.....	1,873	634	.34	180	4	9
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	3,214	1,172	.36	93	2	4
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	125	46	.37	47	1	2
318 OFFICE & STORE MACHINERY MFRS.....	159	63	.40	24	0	1
15 TRANSPORTATION EQUIPMENT IND.....	30,323	9,400	.31	286	3	10
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	2,448	680	.28	307	8	12
323 MOTOR VEHICLE MFRS.....	19,686	5,733	.29	501	3	16
324 TRUCK BODY & TRAILER MFRS.....	312	178	.57	66	1	4
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	5,603	2,046	.37	122	2	4
326 RAILROAD ROLLING STOCK IND.....	2,029	630	.31	459	6	13
327 SHIPBUILDING & REPAIR.....	147	85	.58	65	2	3
328 BOATBUILDING & REPAIR.....	98	48	.49	76	2	5
329 MISCELLANEOUS VEHICLE MFRS.....	0	0	.00	0	0	0
16 ELECTRICAL PRODUCTS IND.....	6,988	2,408	.34	87	2	4
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	229	86	.38	44	1	2
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	1,038	345	.33	125	3	7
333 MFRS OF LIGHTING FIXTURES.....	56	18	.31	38	1	2
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	210	79	.38	42		3

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	
335 COMMUNICATIONS EQUIPMENT MFRS.....	1,153	438	.38	50	1	2	
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	2,523	841	.33	104	3	6	
338 MFRS OF ELECTRIC WIRE & CABLE.....	853	290	.34	160	2	8	
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	926	312	.34	113	3	7	
17 NON-METALLIC MINERAL PRODUCTS IND.....	55,916	18,618	.33	2,035	41	76	
351 CLAY PRODUCTS MFRS.....	1,398	562	.40	505	15	23	
352 CEMENT MFRS.....	24,424	6,502	.27	18,065	177	302	
353 STONE PRODUCTS MFRS.....	20	11	.56	96	3	5	
354 CONCRETE PRODUCTS MFRS.....	4,525	2,269	.50	962	23	41	
355 READY MIX CONCRETE MFRS.....	7,090	3,639	.51	2,259	33	88	
356 GLASS & GLASS PRODUCTS MFRS.....	230	108	.47	30	1	1	
357 ABRASIVES MFRS.....	325	115	.35	154	3	7	
358 LIME MFRS.....	7,541	2,179	.29	20,604	264	502	
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	10,362	3,234	.31	2,004	43	77	
18 PETROLEUM & COAL PRODUCTS IND.....	2,004	735	.37	214	1	5	
365 PETROLEUM REFINERIES.....	666	228	.34	73	0	2	
369 MISC PETROLEUM & COAL PRODUCTS IND.....	1,338	507	.38	6,827	72	161	
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	184,009	43,603	.24	4,252	54	121	
372 MFRS OF MIXED FERTILIZERS.....	13	7	.56	19	0	1	
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	4,470	1,240	.28	2,010	18	52	

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	813	295	.36	112	2	4
375 PAINT & VARNISH MFRS.....	1,574	460	.29	356	6	13
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	751	245	.33	147	2	5
377 MFRS OF TOILET PREPARATIONS.....	612	197	.32	187	4	7
378 MFRS OF INDUSTRIAL CHEMICALS.....	169,771	39,310	.23	13,534	122	292
379 MISCELLANEOUS CHEMICAL IND.....	6,004	1,847	.31	772	12	26
20 MISCELLANEOUS MANUFACTURING IND.....	5,604	1,886	.34	136	4	7
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	3,462	1,067	.31	232	6	11
392 JEWELLERY & SILVERWARE IND.....	75	34	.45	16	0	1
393 SPORTING GOODS & TOY IND.....	775	337	.43	115	3	6
397 SIGNS & DISPLAYS IND.....	210	95	.45	61	2	4
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	1,081	353	.33	96	3	6
ALL MANUFACTURING INDUSTRIES.....	583,769	166,244	.28	685	12	29

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 7

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	SHIPMENTS	VALUE ADDED
1 FOOD & BEVERAGE IND.....	20,591	14,403	.70	248	3	9
101 MEAT & POULTRY PRODUCTS IND.....	3,595	2,507	.70	242	2	9
102 FISH PRODUCTS IND.....	44	35	.78	77	2	4
103 FRUIT & VEGETABLE PROCESSING IND.....	537	373	.70	49	1	2
104 DAIRY PRODUCTS IND.....	5,099	3,485	.68	617	5	24
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	130	100	.78	47	0	1
106 FEED IND.....	1,606	1,160	.72	489	4	16
107 BAKERY PRODUCTS IND.....	3,492	2,456	.70	263	8	16
108 MISCELLANEOUS FOOD IND.....	2,828	1,997	.71	169	2	5
109 BEVERAGE IND.....	3,260	2,290	.70	260	4	6
2 TOBACCO PRODUCTS IND.....	302	245	.81	92	1	2
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MFRS.....			CONFIDENTIAL			
3 RUBBER & PLASTICS PRODUCTS IND.....	871	687	.79	25	1	1
162 RUBBER PRODUCTS IND.....	152	112	.74	8	0	0
165 PLASTICS FABRICATING IND, N.E.S.....	719	574	.80	43	1	2
4 LEATHER IND.....	108	82	.76	8	0	1
172 LEATHER TANNERIES.....	18	13	.75	9	0	0
174 SHOE FACTORIES.....	62	45	.73	7	0	1
175 LEATHER GLOVE FACTORIES.....	2	1	.79	5	0	0

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
5 TEXTILE IND.....	26	22	.83	11	0	1
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	885	636	.72	30	1	2
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	17	13	.80	10	0	1
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	90	71	.79	10	0	1
184 CORDAGE & TWINE IND.....	7	6	.80	19	1	1
185 FELT & FIBRE PROCESSING MILLS.....	48	37	.78	55	2	3
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	112	88	.79	90	3	6
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	60	45	.75	11	0	0
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	47	36	.77	7	0	1
231 HOSIERY MILLS.....	19	14	.78	10	0	1
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	29	22	.76	6	0	0
7 CLOTHING IND.....	266	209	.79	11	0	1
243 MEN'S CLOTHING IND.....	131	103	.79	10	0	1
244 WOMEN'S CLOTHING IND.....	40	33	.83	6	0	0
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	25	19	.76	46	1	3
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	3,593	2,749	.77	181	5	11
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	1,686	1,264	.75	298	8	17
252 VENEER & PLYWOOD MILLS.....	133	102	.77	65	3	6
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	1,187	945	.80	164	4	9
256 WOODEN BOX FACTORIES.....	369	267	.72	165	5	10
258 COFFIN & CASKET IND.....	57	47	.82	228	11	19
259 MISCELLANEOUS WOOD IND.....	161	124	.77	66	2	4
9 FURNITURE & FIXTURE IND.....	684	552	.81	30	1	2
261 HOUSEHOLD FURNITURE MFRS.....	374	300	.80	28	1	2
264 OFFICE FURNITURE MFRS.....	28	21	.78	9	0	0
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	278	227	.82	45	1	3
268 ELECTRIC LAMP & SHADE MFRS.....	4	3	.77	6	0	0
10 PAPER & ALLIED IND.....	1,837	1,374	.75	40	1	2
271 PULP & PAPER MILLS.....	476	326	.68	22	0	1
272 ASPHALT ROOFING MFRS.....	28	20	.71	76	1	2
273 PAPER BOX & BAG MFRS.....	980	761	.78	80	2	4
274 MISCELLANEOUS PAPER CONVERTERS.....	353	267	.76	31	1	2
11 PRINTING, PUBLISHING & ALLIED IND.....	2,162	1,593	.74	46	1	2
286 COMMERCIAL PRINTING.....	723	588	.81	32	1	2

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE (GAL)	\$1000 OF VALUE ADDED (GAL)
287 PLATENAKING, TYPESETTING & TRADE BINDERY IND..	204	161	.79	60	2	3
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	1,234	844	.68	79	2	3
12 PRIMARY METAL IND.....	2,008	1,329	.66	28	0	1
291 IRON & STEEL MILLS.....	1,076	639	.59	27	0	1
292 STEEL PIPE & TUBE MILLS.....	62	49	.79	21	0	1
294 IRON FOUNDRIES.....	163	124	.76	24	1	1
295 SMELTING & REFINING.....	251	190	.76	23	1	1
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	165	106	.64	40	1	2
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL			
13 METAL FABRICATING IND.....	5,176	4,056	.78	59	1	3
301 BOILER & PLATE WORKS.....	233	189	.81	38	1	2
302 FABRICATED STRUCTURAL METAL IND.....	825	689	.84	116	2	4
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	827	686	.83	116	2	4
304 METAL STAMPING, PRESSING & COATING IND.....	1,280	959	.75	64	1	3
305 WIRE & WIRE PRODUCTS MFRS.....	185	138	.74	17	0	1
306 HARDWARE, TOOL & CUTLERY MFRS.....	525	416	.79	38	1	2
307 HEATING EQUIPMENT MFRS.....	160	123	.77	52	1	2

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED	
					(GAL)	(GAL)
309 MISCELLANEOUS METAL FABRICATING IND.....	743	554	.75	47	1	2
14 MACHINERY IND.....	1,980	1,549	.78	36	1	2
311 AGRICULTURAL IMPLEMENTS IND.....	355	266	.75	34	1	2
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	980	748	.76	28	1	1
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	107	90	.84	40	1	2
318 OFFICE & STORE MACHINERY MFRS.....	538	445	.83	81	2	4
15 TRANSPORTATION EQUIPMENT IND.....	7,061	3,838	.54	67	1	2
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	122	99	.81	15	0	1
323 MOTOR VEHICLE MFRS.....	4,625	2,167	.47	118	1	4
324 TRUCK BODY & TRAILER MFRS.....	338	271	.80	72	2	4
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,658	1,068	.64	36	1	1
326 RAILROAD ROLLING STOCK IND.....	94	63	.67	21	0	1
327 SHIPBUILDING & REPAIR.....	139	106	.76	61	2	3
328 BOATBUILDING & REPAIR.....	76	56	.73	59	2	4
329 MISCELLANEOUS VEHICLE MFRS.....	9	7	.77	148	4	9
16 ELECTRICAL PRODUCTS IND.....	1,029	777	.76	13	0	1
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	107	83	.77	21	0	1
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	1	1	.71	0	0	0
333 MFRS OF LIGHTING FIXTURES.....	61	40	.66	41	1	2
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	7	6	.76	1	0	0

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE (GAL)	\$1000 OF VALUE ADDED (GAL)
335 COMMUNICATIONS EQUIPMENT MFRS.....	181	144	.80	8	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	351	259	.74	14	0	1
338 MFRS OF ELECTRIC WIRE & CABLE.....	68	50	.73	13	0	1
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	252	195	.77	31	1	2
17 NON-METALLIC MINERAL PRODUCTS IND.....	3,751	2,635	.70	137	3	5
351 CLAY PRODUCTS MFRS.....	260	179	.69	94	3	4
352 CEMENT MFRS.....	73	50	.69	54	1	1
353 STONE PRODUCTS MFRS.....	28	22	.78	134	5	7
354 CONCRETE PRODUCTS MFRS.....	1,623	1,185	.73	345	8	15
355 READY MIX CONCRETE MFRS.....	1,157	829	.72	369	5	14
356 GLASS & GLASS PRODUCTS MFRS.....	185	120	.64	24	1	1
357 ABRASIVES MFRS.....	58	44	.76	27	1	1
358 LIME MFRS.....	49	25	.52	133	2	3
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	318	183	.57	62	1	2
18 PETROLEUM & COAL PRODUCTS IND.....	211	150	.71	23	0	1
365 PETROLEUM REFINERIES.....	72	59	.82	8	0	0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	139	91	.65	709	7	17
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	2,570	1,926	.75	59	1	2
372 MFRS OF MIXED FERTILIZERS.....	296	218	.74	454	4	19
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	91	63	.69	41	1	1

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	GASOLINE USED		QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE	
				(GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	657	521	.79	90	2
375 PAINT & VARNISH MFRS.....	278	219	.79	63	1
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	140	92	.66	27	0
377 MFRS OF TOILET PREPARATIONS.....	24	19	.77	7	0
378 MFRS OF INDUSTRIAL CHEMICALS.....	486	340	.70	39	0
379 MISCELLANEOUS CHEMICAL IND.....	596	454	.76	77	1
20 MISCELLANEOUS MANUFACTURING IND.....	1,575	1,230	.78	38	1
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	315	250	.79	21	1
392 JEWELLERY & SILVERWARE IND.....	87	70	.81	18	0
393 SPORTING GOODS & TOY IND.....	353	272	.77	52	2
397 SIGNS & DISPLAYS IND.....	430	333	.78	124	5
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	390	305	.78	35	1
ALL MANUFACTURING INDUSTRIES.....	56,708	40,057	.71	67	1

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 8 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
1 FOOD & BEVERAGE IND.....	24,255	34,273	1.41	292	4	10
101 MEAT & POULTRY PRODUCTS IND.....	3,183	4,492	1.41	215	2	8
102 FISH PRODUCTS IND.....	66	115	1.74	115	3	7
103 FRUIT & VEGETABLE PROCESSING IND.....	2,072	3,039	1.47	191	3	8
104 DAIRY PRODUCTS IND.....	2,107	2,971	1.41	255	2	10
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	864	1,220	1.41	312	3	8
106 FEED IND.....	989	1,348	1.36	301	2	10
107 BAKERY PRODUCTS IND.....	1,841	2,841	1.54	139	4	8
108 MISCELLANEOUS FOOD IND.....	7,825	11,229	1.43	468	5	14
109 BEVERAGE IND.....	5,307	7,017	1.32	424	6	10
2 TOBACCO PRODUCTS IND.....	281	452	1.60	86	1	2
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MFRS.....			CONFIDENTIAL			
3 RUBBER & PLASTICS PRODUCTS IND.....	6,244	8,952	1.43	178	4	9
162 RUBBER PRODUCTS IND.....	4,264	5,933	1.39	234	5	11
165 PLASTICS FABRICATING IND, N.E.S.....	1,980	3,018	1.52	118	3	6
4 LEATHER IND.....	1,123	1,348	1.20	86	3	6
172 LEATHER TANNERIES.....	893	995	1.11	448	10	24
174 SHOE FACTORIES.....	157	232	1.48	19	1	2
175 LEATHER GLOVE FACTORIES.....						

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
5 TEXTILE IND.....	57	91	1.59	24	1	2
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	5,712	8,430	1.48	191	5	10
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	436	647	1.48	254	9	16
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	2,817	4,096	1.45	308	7	16
184 CORDAGE & TWINE IND.....	6	9	1.37	16	1	1
185 FELT & FIBRE PROCESSING MILLS.....	132	214	1.63	151	4	9
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND...	38	57	1.50	30	1	2
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	315	524	1.67	58	1	2
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	735	947	1.29	105	4	9
231 HOSIERY MILLS.....	145	195	1.35	77	4	7
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	590	752	1.27	115	5	9
7 CLOTHING IND.....	257	398	1.55	11	0	1
243 MEN'S CLOTHING IND.....	128	209	1.63	10	0	1
244 WOMEN'S CLOTHING IND.....	58	78	1.35	9	0	1
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	1	1	1.15	2	0	0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER			
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)	
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL				
8 WOOD IND.....	2,552	3,488	1.37	128	3	8	
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	453	609	1.34	80	2	5	
252 VENEER & PLYWOOD MILLS.....	468	538	1.15	230	9	20	
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	307	416	1.36	42	1	2	
256 WOODEN BOX FACTORIES.....	112	151	1.35	50	2	3	
258 COFFIN & CASKET IND.....	6	12	1.95	24	1	2	
259 MISCELLANEOUS WOOD IND.....	1,207	1,763	1.46	493	14	31	
9 FURNITURE & FIXTURE IND.....	1,466	2,204	1.50	63	2	4	
261 HOUSEHOLD FURNITURE MFRS.....	588	874	1.49	44	1	3	
264 OFFICE FURNITURE MFRS.....	421	647	1.54	139	4	7	
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	431	651	1.51	69	2	4	
268 ELECTRIC LAMP & SHADE MFRS.....	27	31	1.17	40	1	3	
10 PAPER & ALLIED IND.....	47,472	68,147	1.44	1,040	19	45	
271 PULP & PAPER MILLS.....	43,853	62,630	1.43	2,022	35	81	
272 ASPHALT ROOFING MFRS.....	287	619	2.16	772	8	18	
273 PAPER BOX & BAG MFRS.....	1,555	2,377	1.53	127	2	6	
274 MISCELLANEOUS PAPER CONVERTERS.....	1,778	2,522	1.42	156	3	8	
11 PRINTING, PUBLISHING & ALLIED IND.....	1,343	2,133	1.59	29	1	1	
286 COMMERCIAL PRINTING.....	939	1,473	1.57	41	2	3	

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	76	122	1.61	22	1	1
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	328	537	1.64	21	1	1
12 PRIMARY METAL IND.....	56,597	80,782	1.43	796	13	30
291 IRON & STEEL MILLS.....	36,614	52,226	1.43	908	13	30
292 STEEL PIPE & TUBE MILLS.....	1,429	2,119	1.48	488	5	19
294 IRON FOUNDRIES.....	1,827	2,965	1.62	265	6	11
295 SWEETING & REFINING.....	13,528	18,469	1.37	1,244	40	62
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	1,137	1,740	1.53	275	4	13
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...						
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....						
13 METAL FABRICATING IND.....	13,523	19,932	1.47	154	3	7
301 BOILER & PLATE WORKS.....	403	643	1.60	66	1	3
302 FABRICATED STRUCTURAL METAL IND.....	500	868	1.73	70	1	3
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	567	985	1.74	79	1	3
304 METAL STAMPING, PRESSING & COATING IND.....	4,244	6,404	1.51	211	4	9
305 WIRE & WIRE PRODUCTS MFRS.....	2,538	3,669	1.45	239	4	10
306 HARDWARE, TOOL & CUTLERY MFRS.....	1,000	1,493	1.49	72	2	4
307 HEATING EQUIPMENT MFRS.....	531	696	1.31	174	4	8
308 MACHINE SHOPS.....	117	201	1.72	29	1	2

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENT'S VALUE ADDED (MCF)	\$1000 OF SHIPMENT'S VALUE ADDED (MCF)
309 MISCELLANEOUS METAL FABRICATING IND.....	3,623	4,974	1.37	227	5	10
14 MACHINERY IND.....	5,487	7,843	1.43	101	2	5
311 AGRICULTURAL IMPLEMENTS IND.....	2,057	2,895	1.41	197	4	10
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	2,917	4,114	1.41	84	2	4
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	234	385	1.65	87	2	4
318 OFFICE & STORE MACHINERY MFRS.....	279	449	1.61	42	1	2
15 TRANSPORTATION EQUIPMENT IND.....	14,542	22,566	1.55	137	1	5
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	432	646	1.50	54	1	2
323 MOTOR VEHICLE MFRS.....	4,452	7,047	1.58	113	1	4
324 TRUCK BODY & TRAILER MFRS.....	454	674	1.49	97	2	5
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	8,388	12,930	1.54	183	3	6
326 RAILROAD ROLLING STOCK IND.....	647	1,009	1.56	146	2	4
327 SHIPBUILDING & REPAIR.....	105	165	1.56	46	1	2
328 BOATBUILDING & REPAIR.....	59	84	1.41	46	1	3
329 MISCELLANEOUS VEHICLE MFRS.....	6	11	1.73	105	3	6
16 ELECTRICAL PRODUCTS IND.....	6,129	9,488	1.55	76	2	4
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	439	735	1.67	84	2	5
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	1,510	2,278	1.51	182	4	10
333 MFRS OF LIGHTING FIXTURES.....	98	159	1.62	66	1	3
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	140	205	1.47	28	2	2

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)
335 COMMUNICATIONS EQUIPMENT MFRS.....	730	1,153	1.58	32	1	1
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,612	2,491	1.55	67	2	4
338 MFRS OF ELECTRIC WIRE & CABLE.....	857	1,315	1.53	161	2	8
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	742	1,151	1.55	91	3	5
17 NON-METALLIC MINERAL PRODUCTS IND.....	34,804	47,691	1.37	1,267	26	47
351 CLAY PRODUCTS MFRS.....	4,620	6,488	1.40	1,668	49	77
352 CEMENT MFRS.....	8,867	11,625	1.31	6,559	64	110
353 STONE PRODUCTS MFRS.....	14	15	1.11	66	2	4
354 CONCRETE PRODUCTS MFRS.....	1,408	1,693	1.20	299	7	13
355 READY MIX CONCRETE MFRS.....	286	384	1.34	91	1	4
356 GLASS & GLASS PRODUCTS MFRS.....	10,452	14,538	1.39	1,365	31	52
357 ABRASIVES MFRS.....	367	574	1.56	174	3	8
358 LIME MFRS.....	4,485	6,541	1.46	12,255	157	299
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	4,305	5,834	1.36	833	18	32
18 PETROLEUM & COAL PRODUCTS IND.....	3,545	5,304	1.50	379	2	9
365 PETROLEUM REFINERIES.....	3,326	4,979	1.50	363	2	9
369 MISC PETROLEUM & COAL PRODUCTS IND.....	219	325	1.48	1,119	12	26
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	63,839	82,008	1.28	1,475	19	42
372 MFRS OF MIXED FERTILIZERS.....	30	47	1.55	46	0	2
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	1,821	2,615	1.44	819	7	21

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	732	1,077	1.47	101	2	3
375 PAINT & VARNISH MFRS.....	354	515	1.45	80	1	3
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	1,903	2,598	1.37	372	5	12
377 MFRS OF TOILET PREPARATIONS.....	185	244	1.32	57	1	2
378 MFRS OF INDUSTRIAL CHEMICALS.....	57,137	72,591	1.27	4,555	41	98
379 MISCELLANEOUS CHEMICAL IND.....	1,677	2,321	1.38	216	3	7
20 MISCELLANEOUS MANUFACTURING IND.....	2,310	3,457	1.50	56	2	3
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	376	641	1.70	25	1	1
392 JEWELLERY & SILVERWARE IND.....	192	323	1.68	40	1	2
393 SPORTING GOODS & TOY IND.....	569	737	1.30	84	2	4
397 SIGNS & DISPLAYS IND.....	164	275	1.68	47	2	3
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	1,009	1,481	1.47	90	3	5
ALL MANUFACTURING INDUSTRIES.....	292,217	409,841	1.40	343	6	14

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 9 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS (GAL)	VALUE ADDED (GAL)
1 FOOD & BEVERAGE IND.....	1,466	651	.44	18	0	1
101 MEAT & POULTRY PRODUCTS IND.....	71	34	.47	5	0	0
102 FISH PRODUCTS IND.....	20	9	.45	35	1	2
103 FRUIT & VEGETABLE PROCESSING IND.....	282	127	.45	26	0	1
104 DAIRY PRODUCTS IND.....	485	194	.40	59	1	2
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	29	14	.49	10	0	0
106 FEED IND.....	188	86	.46	57	0	2
107 BAKERY PRODUCTS IND.....	156	73	.47	12	0	1
108 MISCELLANEOUS FOOD IND.....	103	50	.49	6	0	0
109 BEVERAGE IND.....	131	62	.47	11	0	0
2 TOBACCO PRODUCTS IND.....	101	52	.52	31	0	1
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MFRS.....			CONFIDENTIAL			
3 RUBBER & PLASTICS PRODUCTS IND.....	373	175	.47	11	0	1
162 RUBBER PRODUCTS IND.....	240	111	.46	13	0	1
165 PLASTICS FABRICATING IND, N.E.S.....	132	64	.48	8	0	0
4 LEATHER IND.....	45	17	.38	3	0	0
172 LEATHER TANNERIES.....	41	16	.38	21	0	1
174 SHOE FACTORIES.....	0	0	.00	0	0	0
175 LEATHER GLOVE FACTORIES.....	1	0	.25	3	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
5 TEXTILE IND.....	2	1	.39	1	0	0
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	320	127	.40	11	0	1
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	0	0	.00	0	0	0
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	63	36	.57	7	0	0
184 CORDAGE & TWINE IND.....	0	0	.00	0	0	0
185 FELT & FIBRE PROCESSING MILLS.....	7	2	.34	8	0	0
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	4	1	.39	3	0	0
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	104	21	.20	19	0	1
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	1	1	.75	0	0	0
231 HOSIERY MILLS.....	0	0	.00	0	0	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	1	1	.75	0	0	0
7 CLOTHING IND.....	6	3	.47	0	0	0
243 MEN'S CLOTHING IND.....	0	0	.48	0	0	0
244 WOMEN'S CLOTHING IND.....	0	0	.00	0	0	0
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	0	0	.00	0	0	0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	710	355	.50	36	1	2
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	40	20	.50	7	0	0
252 VENEER & PLYWOOD MILLS.....	32	15	.46	16	1	1
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	82	34	.41	11	0	1
256 WOODEN BOX FACTORIES.....	84	38	.45	38	1	2
258 COFFIN & CASKET IND.....	1	0	.55	2	0	0
259 MISCELLANEOUS WOOD IND.....	470	249	.53	192	6	12
9 FURNITURE & FIXTURE IND.....	147	62	.42	6	0	0
261 HOUSEHOLD FURNITURE MFRS.....	84	35	.42	6	0	0
264 OFFICE FURNITURE MFRS.....	60	26	.43	20	1	1
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	3	1	.37	1	0	0
268 ELECTRIC LAMP & SHADE MFRS.....	0	0	.00	0	0	0
10 PAPER & ALLIED IND.....	1,008	498	.49	22	0	1
271 PULP & PAPER MILLS.....	522	259	.50	24	0	1
272 ASPHALT ROOFING MFRS.....	8	4	.52	22	0	1
273 PAPER BOX & BAG MFRS.....	348	172	.49	28	1	1
274 MISCELLANEOUS PAPER CONVERTERS.....	129	63	.49	11	0	1
11 PRINTING, PUBLISHING & ALLIED IND.....	21	11	.54	0	0	0
286 COMMERCIAL PRINTING.....	21	11	.54	1	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENT'S VALUE (GAL)	\$1000 OF SHIPMENT'S VALUE ADDED (GAL)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	0	0	.00	0	0	0
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	0	0	.00	0	0	0
12 PRIMARY METAL IND.....	1,392	615	.44	20	0	1
291 IRON & STEEL MILLS.....	210	82	.39	5	0	0
292 STEEL PIPE & TUBE MILLS.....	57	34	.60	19	0	1
294 IRON FOUNDRIES.....	218	97	.45	32	1	1
295 SMELTING & REFINING.....	157	72	.46	14	0	1
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	295	133	.45	71	1	3
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...						
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....						
13 METAL FABRICATING IND.....	2,074	952	.46	24	1	1
301 BOILER & PLATE WORKS.....	39	19	.49	6	0	0
302 FABRICATED STRUCTURAL METAL IND.....	193	104	.54	27	1	1
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	108	69	.64	15	0	1
304 METAL STAMPING, PRESSING & COATING IND.....	538	246	.46	27	0	1
305 WIRE & WIRE PRODUCTS MFRS.....	438	235	.54	41	1	2
306 HARDWARE, TOOL & CUTLERY MFRS.....	222	73	.33	16	1	1
307 HEATING EQUIPMENT MFRS.....	117	40	.34	38	1	2
308 MACHINE SHOPS.....	21	10	.48	5	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS	VALUE ADDED
					(GAL)	(GAL)
309 MISCELLANEOUS METAL FABRICATING IND.....	397	157	.39	25	1	1
14 MACHINERY IND.....	626	290	.46	12	0	1
311 AGRICULTURAL IMPLEMENTS IND.....	228	103	.45	22	0	1
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	388	176	.45	11	0	1
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	10	10	1.02	4	0	0
318 OFFICE & STORE MACHINERY MFRS.....	0	0	.00	0	0	0
15 TRANSPORTATION EQUIPMENT IND.....	1,693	747	.44	16	0	1
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	3	1	.45	0	0	0
323 MOTOR VEHICLE MFRS.....	341	131	.38	9	0	0
324 TRUCK BODY & TRAILER MFRS.....	102	48	.47	22	0	1
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,175	531	.45	26	0	1
326 RAILROAD ROLLING STOCK IND.....	19	10	.53	4	0	0
327 SHIPBUILDING & REPAIR.....	50	23	.47	22	1	1
328 BOATBUILDING & REPAIR.....	4	2	.39	3	0	0
329 MISCELLANEOUS VEHICLE MFRS.....	0	0	.00	0	0	0
16 ELECTRICAL PRODUCTS IND.....	408	207	.51	5	0	0
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	4	2	.49	1	0	0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	78	42	.55	9	0	0
333 MFRS OF LIGHTING FIXTURES.....	6	2	.43	4	0	0
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	34	17	.50	7	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS (GAL)	VALUE ADDED (GAL)
335 COMMUNICATIONS EQUIPMENT MFRS.....	21	10	.51	1	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	128	58	.46	5	0	0
338 MFRS OF ELECTRIC WIRE & CABLE.....	124	68	.55	23	0	1
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	14	7	.50	2	0	0
17 NON-METALLIC MINERAL PRODUCTS IND.....	893	396	.44	32	1	1
351 CLAY PRODUCTS MFRS.....	40	20	.50	15	0	1
352 CEMENT MFRS.....	37	11	.31	27	0	0
353 STONE PRODUCTS MFRS.....	0	0	.00	0	0	0
354 CONCRETE PRODUCTS MFRS.....	315	145	.46	67	2	3
355 READY MIX CONCRETE MFRS.....	14	5	.38	4	0	0
356 GLASS & GLASS PRODUCTS MFRS.....	208	98	.47	27	1	1
357 ABRASIVES MFRS.....	12	6	.52	5	0	0
358 LIME MFRS.....	0	0	.00	0	0	0
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	267	111	.42	52	1	2
18 PETROLEUM & COAL PRODUCTS IND.....	10	4	.42	1	0	0
365 PETROLEUM REFINERIES.....	0	0	.00	0	0	0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	10	4	.42	49	1	1
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	1,074	413	.39	25	0	1
372 MFRS OF MIXED FERTILIZERS.....	46	20	.44	70	1	3
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	41	23	.57	18	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	L.P.G. USED		QUANTITY OF L.P.G. REQUIRED PER			
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	SHIPMENTS	VALUE ADDED
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	1	1	.58	0	0	0
375 PAINT & VARNISH MFRS.....	49	20	.40	11	0	0
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	76	36	.47	15	0	0
377 MFRS OF TOILET PREPARATIONS.....	0	0	.00	0	0	0
378 MFRS OF INDUSTRIAL CHEMICALS.....	828	301	.36	66	1	1
379 MISCELLANEOUS CHEMICAL IND.....	34	14	.41	4	0	0
20 MISCELLANEOUS MANUFACTURING IND.....	150	72	.48	4	0	0
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	62	27	.44	4	0	0
392 JEWELLERY & SILVERWARE IND.....	4	2	.47	1	0	0
393 SPORTING GOODS & TOY IND.....	27	13	.48	4	0	0
397 SIGNS & DISPLAYS IND.....	41	22	.54	12	0	1
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	16	7	.46	1	0	0
ALL MANUFACTURING INDUSTRIES.....	12,517	5,649	.45	15	0	1

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 10
INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)
1 FOOD & BEVERAGE IND.....	1,810	71	38.96	.0	.0	.0
101 MEAT & POULTRY PRODUCTS IND.....	0	0	.00	.0	.0	.0
102 FISH PRODUCTS IND.....	48	2	38.63	.1	.0	.0
103 FRUIT & VEGETABLE PROCESSING IND.....	1,412	47	32.94	.1	.0	.0
104 DAIRY PRODUCTS IND.....	252	7	28.57	.0	.0	.0
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	15	1	37.53	.0	.0	.0
106 FEED IND.....	0	0	.00	.0	.0	.0
107 BAKERY PRODUCTS IND.....	0	0	.00	.0	.0	.0
108 MISCELLANEOUS FOOD IND.....	83	14	173.36	.0	.0	.0
109 BEVERAGE IND.....	0	0	.00	.0	.0	.0
2 TOBACCO PRODUCTS IND.....	0	0	.00	.0	.0	.0
151 LEAF TOBACCO PROCESSORS.....						
153 TOBACCO PRODUCTS MFRS.....						
3 RUBBER & PLASTICS PRODUCTS IND.....	0	0	.00	.0	.0	.0
162 RUBBER PRODUCTS IND.....	0	0	.00	.0	.0	.0
165 PLASTICS FABRICATING IND, N.E.S.....	0	0	.00	.0	.0	.0
4 LEATHER IND.....	0	0	.00	.0	.0	.0
172 LEATHER TANNERIES.....	0	0	.00	.0	.0	.0
174 SHOE FACTORIES.....	0	0	.00	.0	.0	.0
175 LEATHER GLOVE FACTORIES.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER			
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)	
5 TEXTILE IND.....	0	0	.00	.0	.0	.0	
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	0	0	.00	.0	.0	.0	
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL				
182 WOOL YARN & CLOTH MILLS.....	0	0	.00	.0	.0	.0	
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	0	0	.00	.0	.0	.0	
184 CORDAGE & TWINE IND.....	0	0	.00	.0	.0	.0	
185 FELT & FIBRE PROCESSING MILLS.....	0	0	.00	.0	.0	.0	
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	0	0	.00	.0	.0	.0	
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	0	0	.00	.0	.0	.0	
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL				
6 KNITTING MILLS.....	0	0	.00	.0	.0	.0	
231 HOSIERY MILLS.....	0	0	.00	.0	.0	.0	
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	0	0	.00	.0	.0	.0	
7 CLOTHING IND.....	0	0	.00	.0	.0	.0	
243 MEN'S CLOTHING IND.....	0	0	.00	.0	.0	.0	
244 WOMEN'S CLOTHING IND.....	0	0	.00	.0	.0	.0	
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL				
246 FUR GOODS IND.....	0	0	.00	.0	.0	.0	
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL				

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	398	22	55.96	.0	.0	.0
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	185	10	54.88	.0	.0	.0
252 VENEER & PLYWOOD MILLS.....	188	10	55.16	.1	.0	.0
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	0	0	.00	.0	.0	.0
256 WOODEN BOX FACTORIES.....	0	0	.00	.0	.0	.0
258 COFFIN & CASKET IND.....	25	2	70.00	.1	.0	.0
259 MISCELLANEOUS WOOD IND.....	0	0	.00	.0	.0	.0
9 FURNITURE & FIXTURE IND.....	156	5	32.05	.0	.0	.0
261 HOUSEHOLD FURNITURE MFRS.....	156	5	32.05	.0	.0	.0
264 OFFICE FURNITURE MFRS.....	0	0	.00	.0	.0	.0
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	0	0	.00	.0	.0	.0
268 ELECTRIC LAMP & SHADE MFRS.....	0	0	.00	.0	.0	.0
10 PAPER & ALLIED IND.....	136,943	3,752	27.40	3.0	.1	.1
271 PULP & PAPER MILLS.....	135,473	3,704	27.34	6.2	.1	.3
272 ASPHALT ROOFING MFRS.....	0	0	.00	.0	.0	.0
273 PAPER BOX & BAG MFRS.....	1,470	49	33.02	.1	.0	.0
274 MISCELLANEOUS PAPER CONVERTERS.....	0	0	.00	.0	.0	.0
11 PRINTING, PUBLISHING & ALLIED IND.....	26	1	22.69	.0	.0	.0
286 COMMERCIAL PRINTING.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D) : INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND...	0	0	.00	.0	.0	.0
288 PUBLISHING ONLY.....	0	0	.00	.0	.0	.0
289 PUBLISHING & PRINTING.....	26	1	22.69	.0	.0	.0
12 PRIMARY METAL IND.....	54,846	6,026	109.87	.8	.0	.0
291 IRON & STEEL MILLS.....	506	50	98.36	.0	.0	.0
292 STEEL PIPE & TUBE MILLS.....	0	0	.00	.0	.0	.0
294 IRON FOUNDRIES.....	4,573	193	42.20	.7	.0	.0
295 SMELTING & REFINING.....	44,936	5,602	124.66	4.1	.1	.2
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	0	0	.00	.0	.0	.0
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...						
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....						
13 METAL FABRICATING IND.....	352	11	32.57	.0	.0	.0
301 BOILER & PLATE WORKS.....	0	0	.00	.0	.0	.0
302 FABRICATED STRUCTURAL METAL IND.....	0	0	.00	.0	.0	.0
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	250	9	35.00	.0	.0	.0
304 METAL STAMPING, PRESSING & COATING IND.....	0	0	.00	.0	.0	.0
305 WIRE & WIRE PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
306 HARDWARE, TOOL & CUTLERY MFRS.....	0	0	.00	.0	.0	.0
307 HEATING EQUIPMENT MFRS.....	0	0	.00	.0	.0	.0
308 MACHINE SHOPS.....	15	1	62.07	.0	.0	.0

CONFIDENTIAL
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TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE (TON)	\$1000 OF VALUE ADDED (TON)
309 MISCELLANEOUS METAL FABRICATING IND.....	87	2	20.52	.0	.0	.0
14 MACHINERY IND.....	1,180	47	40.02	.0	.0	.0
311 AGRICULTURAL IMPLEMENTS IND.....	0	0	.00	.0	.0	.0
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	1,180	47	40.02	.0	.0	.0
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	0	0	.00	.0	.0	.0
318 OFFICE & STORE MACHINERY MFRS.....	0	0	.00	.0	.0	.0
15 TRANSPORTATION EQUIPMENT IND.....	56,106	2,758	49.15	.5	.0	.0
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	0	0	.00	.0	.0	.0
323 MOTOR VEHICLE MFRS.....	56,106	2,758	49.15	1.4	.0	.0
324 TRUCK BODY & TRAILER MFRS.....	0	0	.00	.0	.0	.0
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	0	0	.00	.0	.0	.0
326 RAILROAD ROLLING STOCK IND.....	0	0	.00	.0	.0	.0
327 SHIPBUILDING & REPAIR.....	0	0	.00	.0	.0	.0
328 BOATBUILDING & REPAIR.....	0	0	.00	.0	.0	.0
329 MISCELLANEOUS VEHICLE MFRS.....	0	0	.00	.0	.0	.0
16 ELECTRICAL PRODUCTS IND.....	112	14	124.11	.0	.0	.0
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	0	0	.00	.0	.0	.0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	0	0	.00	.0	.0	.0
333 MFRS OF LIGHTING FIXTURES.....	0	0	.00	.0	.0	.0
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D): INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)
335 COMMUNICATIONS EQUIPMENT MFRS.....	0	0	.00	.0	.0	.0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	0	0	.00	.0	.0	.0
338 MFRS OF ELECTRIC WIRE & CABLE.....	0	0	.00	.0	.0	.0
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	112	14	124.11	.0	.0	.0
17 NON-METALLIC MINERAL PRODUCTS IND.....	318,406	8,986	28.22	11.6	.2	.4
351 CLAY PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
352 CEMENT MFRS.....	291,456	7,860	26.97	215.6	2.1	3.6
353 STONE PRODUCTS MFRS.....	30	1	35.00	.1	.0	.0
354 CONCRETE PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
355 READY MIX CONCRETE MFRS.....	0	0	.00	.0	.0	.0
356 GLASS & GLASS PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
357 ABRASIVES MFRS.....	0	0	.00	.0	.0	.0
358 LIME MFRS.....	21,300	871	40.91	58.2	.7	1.4
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	5,620	254	45.19	1.1	.0	.0
18 PETROLEUM & COAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
365 PETROLEUM REFINERIES.....	0	0	.00	.0	.0	.0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
372 MFRS OF MIXED FERTILIZERS.....	0	0	.00	.0	.0	.0
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	0	0	.00	.0	.0
375 PAINT & VARNISH MFRS.....	0	0	.00	.0	.0
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	0	0	.00	.0	.0
377 MFRS OF TOILET PREPARATIONS.....	0	0	.00	.0	.0
378 MFRS OF INDUSTRIAL CHEMICALS.....	0	0	.00	.0	.0
379 MISCELLANEOUS CHEMICAL IND.....	0	0	.00	.0	.0
20 MISCELLANEOUS MANUFACTURING IND.....	0	0	.00	.0	.0
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	0	0	.00	.0	.0
392 JEWELLERY & SILVERWARE IND.....	0	0	.00	.0	.0
393 SPORTING GOODS & TOY IND.....	0	0	.00	.0	.0
397 SIGNS & DISPLAYS IND.....	0	0	.00	.0	.0
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	0	0	.00	.0	.0
ALL MANUFACTURING INDUSTRIES.....	570,335	21,693	38.04	.7	.0

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 11 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF	
					SHIPMENTS	VALUE ADDED (KWH)
1 FOOD & BEVERAGE IND.....	1,458,775	25,372	17.39	17,549	212	610
101 MEAT & POULTRY PRODUCTS IND.....	261,705	4,377	16.73	17,641	162	682
102 FISH PRODUCTS IND.....	15,960	241	15.13	27,757	656	1,589
103 FRUIT & VEGETABLE PROCESSING IND.....	132,969	2,476	18.62	12,250	209	527
104 DAIRY PRODUCTS IND.....	179,469	3,262	18.18	21,704	187	845
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	110,648	1,801	16.27	39,916	353	1,021
106 FEED IND.....	74,875	1,528	20.41	22,814	175	760
107 BAKERY PRODUCTS IND.....	89,721	1,870	20.84	6,756	202	399
108 MISCELLANEOUS FOOD IND.....	381,512	6,165	16.16	22,799	246	661
109 BEVERAGE IND.....	211,916	3,651	17.23	16,925	237	403
2 TOBACCO PRODUCTS IND.....	59,624	1,104	18.51	18,228	122	336
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MFRS.....			CONFIDENTIAL			
3 RUBBER & PLASTICS PRODUCTS IND.....	810,582	14,173	17.48	23,132	548	1,139
162 RUBBER PRODUCTS IND.....	437,983	7,314	16.70	24,064	555	1,100
165 PLASTICS FABRICATING IND, N.E.S.....	372,599	6,859	18.41	22,126	539	1,187
4 LEATHER IND.....	74,721	1,468	19.64	5,706	204	420
172 LEATHER TANNERIES.....	32,834	620	18.89	16,475	350	882
174 SHOE FACTORIES.....	29,317	597	20.37	3,527	145	283
175 LEATHER GLOVE FACTORIES.....	980	26	26.22	2,761	130	253

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	
5 TEXTILE IND.....	11,590	225	19.40	4,756	184	350	
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	759,685	11,281	14.85	25,410	618	1,358	
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL				
182 WOOL YARN & CLOTH MILLS.....	27,483	502	18.28	15,978	581	1,017	
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	508,737	6,736	13.24	55,661	1,277	2,938	
184 CORDAGE & TWINE IND.....	4,651	105	22.63	11,686	479	891	
185 FELT & FIBRE PROCESSING MILLS.....	12,134	270	22.23	13,931	393	867	
186 CARPET, HAT & RUG IND.....			CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	4,080	93	22.87	3,280	101	227	
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	48,622	813	16.72	8,920	161	350	
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL				
6 KNITTING MILLS.....	51,891	988	19.03	7,427	308	607	
231 HOSIERY MILLS.....	10,290	211	20.52	5,500	262	469	
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	41,601	776	18.66	8,132	322	654	
7 CLOTHING IND.....	52,673	1,143	21.70	2,271	95	177	
243 MEN'S CLOTHING IND.....	25,240	537	21.29	2,020	88	160	
244 WOMEN'S CLOTHING IND.....	14,272	310	21.73	2,114	83	159	
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL				
246 FUR GOODS IND.....	1,420	29	20.76	2,669	60	146	
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL				

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)	
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL			
8 WOOD IND.....	327,667	6,569	20.05	16,489	446	974	
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	145,932	2,835	19.43	25,783	655	1,468	
252 VENEER & PLYWOOD MILLS.....	34,470	596	17.29	16,905	678	1,438	
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	52,550	1,231	23.43	7,265	177	391	
256 WOODEN BOX FACTORIES.....	13,289	317	23.85	5,933	179	362	
258 COFFIN & CASKET IND.....	1,397	37	26.53	5,544	262	465	
259 MISCELLANEOUS WOOD IND.....	80,029	1,553	19.40	32,692	954	2,060	
9 FURNITURE & FIXTURE IND.....	138,283	3,047	22.04	5,967	186	363	
261 HOUSEHOLD FURNITURE MFRS.....	74,750	1,678	22.44	5,651	191	377	
264 OFFICE FURNITURE MFRS.....	26,401	532	20.15	8,713	229	414	
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	34,370	775	22.54	5,506	158	315	
268 ELECTRIC LAMP & SHADE MFRS.....	2,762	63	22.76	4,104	151	279	
10 PAPER & ALLIED IND.....	4,336,593	54,736	12.62	95,007	1,763	4,126	
271 PULP & PAPER MILLS.....	3,995,465	48,857	12.23	184,182	3,230	7,389	
272 ASPHALT ROOFING MFRS.....	14,817	249	16.79	39,938	397	956	
273 PAPER BOX & BAG MFRS.....	179,785	3,037	16.89	14,720	276	686	
274 MISCELLANEOUS PAPER CONVERTERS.....	146,526	2,593	17.70	12,890	275	630	
11 PRINTING, PUBLISHING & ALLIED IND.....	283,741	5,424	19.12	6,027	179	275	
286 COMMERCIAL PRINTING.....	153,032	3,088	20.18	6,710	200	338	

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	VALUE ADDED (KWH)	
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	15,989	350	21.90	4,662	177	231	
288 PUBLISHING ONLY.....	0	0	.00	0	0	0	
289 PUBLISHING & PRINTING.....	114,720	1,986	17.31	7,309	216	292	
12 PRIMARY METAL IND.....	6,245,227	81,498	13.05	87,878	1,386	3,257	
291 IRON & STEEL MILLS.....	3,724,079	48,668	13.07	92,375	1,304	3,024	
292 STEEL PIPE & TUBE MILLS.....	91,924	1,687	18.35	31,384	346	1,192	
294 IRON FOUNDRIES.....	330,140	6,112	18.51	47,833	1,057	1,942	
295 SHELTING & REFINING.....	1,717,346	19,245	11.21	157,975	5,078	7,876	
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	177,650	2,568	14.45	43,015	585	2,015	
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....							
13 METAL FABRICATING IND.....	996,224	18,991	19.06	11,309	242	495	
301 BOILER & PLATE WORKS.....	36,580	728	19.91	6,024	112	257	
302 FABRICATED STRUCTURAL METAL IND.....	52,812	1,218	23.07	7,423	157	266	
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	55,660	1,259	22.62	7,797	144	295	
304 METAL STAMPING, PRESSING & COATING IND.....	264,162	5,128	19.41	13,125	243	552	
305 WIRE & WIRE PRODUCTS MFRS.....	206,435	3,458	16.75	19,433	365	838	
306 HARDWARE, TOOL & CUTLERY MFRS.....	117,644	2,355	20.02	8,418	275	444	
307 HEATING EQUIPMENT MFRS.....	26,211	513	19.58	8,568	199	393	
308 MACHINE SHOPS.....	181,780	444	24.43	4,435	264	564	

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (KWH)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)
309 MISCELLANEOUS METAL FABRICATING IND.....	217,921	3,886	17.83	13,684	297	620
14 MACHINERY IND.....	549,014	9,540	17.38	10,085	213	477
311 AGRICULTURAL IMPLEMENTS IND.....	158,994	2,272	14.29	15,261	306	795
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	301,380	5,615	18.63	8,676	194	395
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	16,864	338	20.07	6,288	110	283
318 OFFICE & STORE MACHINERY MFRS.....	71,776	1,314	18.31	10,872	207	557
15 TRANSPORTATION EQUIPMENT IND.....	2,073,014	33,933	16.37	19,577	201	673
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	76,819	1,419	18.48	9,628	260	388
323 MOTOR VEHICLE MFRS.....	641,894	9,620	14.99	16,347	102	534
324 TRUCK BODY & TRAILER MFRS.....	33,798	741	21.94	7,203	159	389
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,212,385	20,423	16.85	26,409	396	881
326 RAILROAD ROLLING STOCK IND.....	73,076	1,117	15.29	16,518	226	483
327 SHIPBUILDING & REPAIR.....	29,965	490	16.35	13,195	425	642
328 BOATBUILDING & REPAIR.....	4,707	114	24.17	3,652	107	237
329 MISCELLANEOUS VEHICLE MFRS.....	370	9	23.70	6,271	167	366
16 ELECTRICAL PRODUCTS IND.....	831,372	14,357	17.27	10,302	262	519
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	38,993	784	20.12	7,483	176	409
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	97,799	1,719	17.58	11,810	249	617
333 MFRS OF LIGHTING FIXTURES.....	10,080	203	20.12	6,792	149	330
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	22,563	423	18.76	4,506	99	272

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)
335 COMMUNICATIONS EQUIPMENT MFRS.....	184,222	3,027	16.43	8,012	214	345
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	216,735	3,712	17.13	8,943	281	482
338 MFRS OF ELECTRIC WIRE & CABLE.....	163,749	2,732	16.68	30,711	461	1,536
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	97,231	1,757	18.07	11,916	352	683
17 NON-METALLIC MINERAL PRODUCTS IND.....	2,055,034	27,133	13.20	74,791	1,517	2,790
351 CLAY PRODUCTS MFRS.....	85,692	1,525	17.79	30,936	915	1,426
352 CEMENT MFRS.....	591,262	7,216	12.21	437,324	4,284	7,315
353 STONE PRODUCTS MFRS.....	1,302	29	22.00	6,290	212	344
354 CONCRETE PRODUCTS MFRS.....	56,007	1,103	19.69	11,906	287	502
355 READY MIX CONCRETE MFRS.....	38,206	762	19.94	12,171	180	474
356 GLASS & GLASS PRODUCTS MFRS.....	331,072	4,660	14.07	43,232	995	1,638
357 ABRASIVES MFRS.....	715,961	8,276	11.56	339,318	6,590	14,954
358 LIME MFRS.....	44,970	687	15.27	122,869	1,573	2,995
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	190,562	2,877	15.10	36,852	797	1,414
18 PETROLEUM & COAL PRODUCTS IND.....	1,060,512	13,223	12.47	113,448	510	2,824
365 PETROLEUM REFINERIES.....	1,052,886	13,055	12.40	115,044	511	2,867
369 MISC PETROLEUM & COAL PRODUCTS IND.....	7,626	168	22.00	38,908	408	918
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	3,654,524	47,291	12.94	84,443	1,076	2,410
372 MFRS OF MIXED FERTILIZERS.....	8,891	187	21.01	13,616	131	558

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF VALUE ADDED (KWH)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	83,031	1,383	16.66	11,401	232	359
375 PAINT & VARNISH MFRS.....	51,671	936	18.12	11,698	187	430
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	74,413	1,150	15.45	14,559	192	469
377 MFRS OF TOILET PREPARATIONS.....	18,772	350	18.64	5,744	130	202
378 MFRS OF INDUSTRIAL CHEMICALS.....	3,148,703	38,947	12.37	251,013	2,259	5,415
379 MISCELLANEOUS CHEMICAL IND.....	129,271	2,318	17.93	16,620	248	564
20 MISCELLANEOUS MANUFACTURING IND.....	292,980	5,461	18.64	7,122	201	383
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	111,290	1,932	17.36	7,459	202	359
392 JEWELLERY & SILVERWARE IND.....	23,220	502	21.61	4,872	96	271
393 SPORTING GOODS & TOY IND.....	52,310	1,039	19.86	7,727	230	408
397 SIGNS & DISPLAYS IND.....	16,878	373	22.07	4,884	195	326
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	89,282	1,615	18.09	7,952	256	472
ALL MANUFACTURING INDUSTRIES.....	26,112,130	376,731	14.43	30,655	526	1,282

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 12 ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	000 MILLION BTU			ELECTRICITY	TOTAL
				L.P.G.	COAL			
1 FOOD & BEVERAGE IND.....	6,847	3,072.2	24,255	171.5	45.1		4,977.3	39,368
101 MEAT & POULTRY PRODUCTS IND.....	1,407	536.4	3,183	8.4	.0		892.9	6,028
102 FISH PRODUCTS IND.....	28	6.6	66	2.3	1.2		54.5	158
103 FRUIT & VEGETABLE PROCESSING IND.....	1,252	80.1	2,072	33.0	35.2		453.7	3,926
104 DAIRY PRODUCTS IND.....	1,233	760.7	2,107	56.7	6.3		612.3	4,777
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	91	19.3	864	3.4	.4		377.5	1,356
106 FEED IND.....	421	239.7	989	22.0	.0		255.5	1,927
107 BAKERY PRODUCTS IND.....	266	521.0	1,841	18.3	.0		306.1	2,952
108 MISCELLANEOUS FOOD IND.....	1,273	422.0	7,825	12.1	2.1		1,301.7	10,836
109 BEVERAGE IND.....	876	486.4	5,307	15.4	.0		723.1	7,408
2 TOBACCO PRODUCTS IND.....	200	45.0	281	11.8	.0		203.4	742
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL				
153 TOBACCO PRODUCTS MFRS.....				CONFIDENTIAL				
3 RUBBER & PLASTICS PRODUCTS IND.....	1,975	129.9	6,244	43.6	.0		2,765.7	11,159
162 RUBBER PRODUCTS IND.....	1,472	22.7	4,264	28.1	.0		1,494.4	7,282
165 PLASTICS FABRICATING IND, N.E.S.....	503	107.3	1,980	15.5	.0		1,271.3	3,877
4 LEATHER IND.....	415	16.1	1,123	5.2	.0		254.9	1,814
172 LEATHER TANNERIES.....	346	2.7	893	4.8	.0		112.0	1,359
174 SHOE FACTORIES.....	38	9.3	157	.0	.0		100.0	304
175 LEATHER GLOVE FACTORIES.....	1	.3	16	.1	.0		3.3	21

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	000 MILLION BTU			ELECTRICITY	TOTAL
				L.P.G.	COAL			
5 TEXTILE IND.....	29	3.9	57	.2	.0		39.5	130
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	4,487	132.1	5,712	37.5	.0		2,592.0	12,960
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL				
182 WOOL YARN & CLOTH MILLS.....	10	2.5	436	.0	.0		93.8	543
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	4,004	13.4	2,817	7.4	.0		1,735.8	8,577
184 CORDAGE & TWINE IND.....				CONFIDENTIAL				
185 FELT & FIBRE PROCESSING MILLS.....	71	7.1	132	.8	.0		41.4	252
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	26	16.7	38	.4	.0		13.9	95
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	96	8.9	315	12.1	.0		165.9	598
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL				
6 KNITTING MILLS.....	282	7.1	735	.1	.0		177.1	1,201
231 HOSIERY MILLS.....	41	2.8	145	.0	.0		35.1	224
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	241	4.3	590	.1	.0		141.9	977
7 CLOTHING IND.....	165	39.7	257	.8	.0		179.7	642
243 MEN'S CLOTHING IND.....	123	19.5	128	.0	.0		86.1	357
244 WOMEN'S CLOTHING IND.....	12	6.0	58	.0	.0		48.7	125
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL				
246 FUR GOODS IND.....	1	3.7	1	.0	.0		4.8	10
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL				

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.		ELECTRICITY	TOTAL
				000 MILLION BTU			
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL			
8 WOOD IND.....	1,310	536.1	2,552	83.1	9.9	1,118.0	5,610
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	744	251.5	453	4.7	4.6	497.9	1,956
252 VENEER & PLYWOOD MILLS.....	92	19.8	468	3.8	4.7	117.6	706
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	188	177.1	307	9.6	.0	179.3	860
256 WOODEN BOX FACTORIES.....	151	55.0	112	9.8	.0	45.3	373
258 COFFIN & CASKET IND.....	16	8.6	6	.1	.6	4.8	36
259 MISCELLANEOUS WOOD IND.....	119	24.0	1,207	55.0	.0	273.1	1,678
9 FURNITURE & FIXTURE IND.....	424	102.0	1,466	17.2	3.9	471.8	2,485
261 HOUSEHOLD FURNITURE MFRS.....	250	55.8	588	9.9	3.9	255.0	1,162
264 OFFICE FURNITURE MFRS.....	43	4.1	421	7.0	.0	90.1	565
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	127	41.5	431	.4	.0	117.3	717
268 ELECTRIC LAMP & SHADE MFRS.....	5	.6	27	.0	.0	9.4	41
10 PAPER & ALLIED IND.....	9,564	274.1	47,472	117.9	3,411.6	14,796.5	75,636
271 PULP & PAPER MILLS.....	8,925	71.1	43,853	61.1	3,375.0	13,632.5	69,918
272 ASPHALT ROOFING MFRS.....	113	4.2	287	.9	.0	50.6	455
273 PAPER BOX & BAG MFRS.....	250	146.2	1,555	40.7	36.6	613.4	2,641
274 MISCELLANEOUS PAPER CONVERTERS.....	277	52.6	1,778	15.1	.0	499.9	2,622
11 PRINTING, PUBLISHING & ALLIED IND.....	286	322.5	1,343	2.4	.6	968.1	2,923
286 COMMERCIAL PRINTING.....	195	107.9	939	2.4	.0	522.1	1,767

TABLE 12 (CONT'D)

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
				000 MILLION BTU			
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	21	30.5	76	.0	.0	54.6	183
288 PUBLISHING ONLY.....	0	.0	0	.0	.0	.0	0
289 PUBLISHING & PRINTING.....	69	184.2	328	.0	.6	391.4	974
12 PRIMARY METAL IND.....	24,136	299.6	56,597	162.9	1,366.4	21,308.7	103,870
291 IRON & STEEL MILLS.....	11,813	160.6	36,614	24.5	12.6	12,706.6	61,331
292 STEEL PIPE & TUBE MILLS.....	150	9.2	1,429	6.6	.0	313.6	1,908
294 IRON FOUNDRIES.....	266	24.3	1,827	25.5	113.9	1,126.4	3,383
295 SHELTING & REFINING.....	10,877	37.5	13,528	18.4	1,119.5	5,859.6	31,440
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	631	24.6	1,137	34.5	.0	606.1	2,433
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.				CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...				CONFIDENTIAL			
13 METAL FABRICATING IND.....	1,838	772.3	13,523	242.7	8.8	3,399.1	19,784
301 BOILER & PLATE WORKS.....	149	34.8	403	4.5	.0	124.8	716
302 FABRICATED STRUCTURAL METAL IND.....	135	123.0	500	22.6	.0	180.2	961
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	108	123.4	567	12.7	6.2	189.9	1,007
304 METAL STAMPING, PRESSING & COATING IND.....	350	191.0	4,244	63.0	.0	901.3	5,750
305 WIRE & WIRE PRODUCTS MFRS.....	93	27.7	2,538	51.3	.0	704.4	3,414
306 HARDWARE, TOOL & CUTLERY MFRS.....	169	78.3	1,000	25.9	.0	401.4	1,675
307 HEATING EQUIPMENT MFRS.....	16	23.9	531	13.7	.0	89.4	674
308 MACHINE SHOPS.....	60	59.4	117	2.4	.4	64.1	303

TABLE 12 (CONT'D)

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
				000 MILLION BTU			
309 MISCELLANEOUS METAL FABRICATING IND.....	758	110.8	3,623	46.5	2.2	743.5	5,283
14 MACHINERY IND.....	950	295.4	5,487	73.3	29.4	1,467.2	8,708
311 AGRICULTURAL IMPLEMENTS IND.....	331	53.0	2,057	26.7	.0	542.5	3,010
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	569	146.2	2,917	45.4	29.4	1,008.3	4,735
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	22	16.0	234	1.2	.0	57.5	331
318 OFFICE & STORE MACHINERY MFRS.....	28	80.2	279	.0	.0	244.9	632
15 TRANSPORTATION EQUIPMENT IND.....	5,364	1,053.5	14,542	198.1	1,397.8	7,073.1	29,629
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	433	18.2	432	.3	.0	262.1	1,145
323 MOTOR VEHICLE MFRS.....	3,482	690.0	4,452	39.9	1,397.8	2,190.1	12,252
324 TRUCK BODY & TRAILER MFRS.....	55	50.5	454	11.9	.0	115.3	687
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	991	247.4	8,388	137.4	.0	4,136.7	13,900
326 RAILROAD ROLLING STOCK IND.....	359	14.1	647	2.2	.0	249.3	1,271
327 SHIPBUILDING & REPAIR.....	26	20.7	105	5.8	.0	102.2	260
328 BOATBUILDING & REPAIR.....	17	11.4	59	.5	.0	16.1	105
329 MISCELLANEOUS VEHICLE MFRS.....	0	1.3	6	.0	.0	1.3	9
16 ELECTRICAL PRODUCTS IND.....	1,236	153.6	6,129	47.7	2.8	2,836.6	10,406
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	41	16.0	439	.5	.0	133.0	629
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON) ...	184	.2	1,510	9.1	.0	333.7	2,037
333 MFRS OF LIGHTING FIXTURES.....	10	9.1	98	.6	.0	34.4	152
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	37	1.1	140	4.0	.0	77.0	259

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	000 MILLION BTU		ELECTRICITY	TOTAL
				L.P.G.	COAL		
335 COMMUNICATIONS EQUIPMENT MFRS.....	204	27.0	730	2.4	.0	628.6	1,592
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	446	52.4	1,612	15.0	.0	739.5	2,865
338 MFRS OF ELECTRIC WIRE & CABLE.....	151	10.2	857	14.5	.0	558.7	1,592
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	164	37.7	742	1.6	2.8	331.8	1,279
17 NON-METALLIC MINERAL PRODUCTS IND.....	9,891	559.6	34,804	104.5	7,932.4	7,011.8	60,304
351 CLAY PRODUCTS MFRS.....	247	38.8	4,620	4.7	.0	292.4	5,203
352 CEMENT MFRS.....	4,321	10.8	8,867	4.3	7,261.0	2,017.4	22,482
353 STONE PRODUCTS MFRS.....	4	4.1	14	.0	.7	4.4	26
354 CONCRETE PRODUCTS MFRS.....	801	242.2	1,408	36.9	.0	191.1	2,679
355 READY MIX CONCRETE MFRS.....	1,254	172.6	286	1.6	.0	130.4	1,845
356 GLASS & GLASS PRODUCTS MFRS.....	41	27.7	10,452	24.3	.0	1,129.6	11,674
357 ABRASIVES MFRS.....	58	8.6	367	1.3	.0	2,442.9	2,878
358 LIME MFRS.....	1,334	7.2	4,485	.0	530.6	153.4	6,511
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1,833	47.5	4,305	31.3	140.0	650.2	7,007
18 PETROLEUM & COAL PRODUCTS IND.....	354	31.5	3,545	1.1	.0	3,618.5	7,551
365 PETROLEUM REFINERIES.....	118	10.7	3,326	.0	.0	3,592.4	7,047
369 MISC PETROLEUM & COAL PRODUCTS IND.....	237	20.7	219	1.1	.0	26.0	504
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	32,551	383.4	63,839	125.6	.0	12,469.2	109,369
372 MFRS OF MIXED FERTILIZERS.....	2	44.2	30	5.3	.0	30.3	112
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	791	13.6	1,821	4.7	.0	476.9	3,107

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1976

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	000 MILLION BTU		ELECTRICITY	TOTAL
				L.P.G.	COAL		
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	144	98.1	732	.1	.0	283.3	1,257
375 PAINT & VARNISH MFRS.....	279	41.5	354	5.7	.0	176.3	856
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	133	20.9	1,903	8.9	.0	253.91	2,319
377 MFRS OF TOILET PREPARATIONS.....	108	3.6	185	.0	.0	64.1	361
378 MFRS OF INDUSTRIAL CHEMICALS.....	30,032	72.6	57,137	96.9	.0	10,143.4	98,082
379 MISCELLANEOUS CHEMICAL IND.....	1,062	89.0	1,677	3.9	.0	441.1	3,273
20 MISCELLANEOUS MANUFACTURING IND.....	991	235.0	2,310	17.5	.0	599.6	4,554
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	612	47.1	376	7.2	.0	379.7	1,423
392 JEWELLERY & SILVERWARE IND.....	13	13.0	192	.5	.0	79.2	298
393 SPORTING GOODS & TOY IND.....	137	52.7	569	3.2	.0	174.5	940
397 SIGNS & DISPLAYS IND.....	37	64.1	164	4.8	.0	57.6	328
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	191	58.2	1,009	1.8	.0	304.6	1,565
ALL MANUFACTURING INDUSTRIES.....	103,269	8,460.8	292,217	1,464.5	14,208.6	89,094.6	508,714

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 13

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
1 FOOD & BEVERAGE IND.....	4,404,165	2,393,128	90,368	15,000	6,872,660
101 MEAT & POULTRY PRODUCTS IND.....	1,226,723	383,469	14,177	5,225	1,619,144
102 FISH PRODUCTS IND.....	14,283	10,043	468	471	24,323
103 FRUIT & VEGETABLE PROCESSING IND.....	376,057	252,311	8,331	75	636,624
104 DAIRY PRODUCTS IND.....	740,886	212,430	12,677	5,000	960,992
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	203,451	108,345	3,404	1,437	313,763
106 FEED IND.....	324,763	98,579	5,253	1,710	426,884
107 BAKERY PRODUCTS IND.....	210,551	224,668	8,078	-1,780	445,077
108 MISCELLANEOUS FOOD IND.....	949,793	577,040	22,954	-2,714	1,552,501
109 BEVERAGE IND.....	357,659	526,244	15,026	5,577	893,352
2 TOBACCO PRODUCTS IND.....	335,469	177,659	2,200	25,716	489,611
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL		
153 TOBACCO PRODUCTS MFRS.....			CONFIDENTIAL		
3 RUBBER & PLASTICS PRODUCTS IND.....	738,826	711,916	28,884	-51	1,479,677
162 RUBBER PRODUCTS IND.....	366,717	398,027	16,257	-7,689	788,691
165 PLASTICS FABRICATING IND, N.E.S.....	372,108	313,889	12,627	7,638	690,986
4 LEATHER IND.....	193,928	177,830	3,628	8,253	367,133
172 LEATHER TANNERIES.....	57,579	37,215	2,175	3,112	93,857
174 SHOE FACTORIES.....	101,804	103,601	994	3,656	202,742
175 LEATHER GLOVE FACTORIES.....	3,498	3,870	60	-116	7,543

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TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
5 TEXTILE IND.....	31,048	33,145	399	1,601	62,991
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	662,181	559,502	27,630	21,039	1,228,274
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	18,626	27,031	1,185	-451	47,293
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	215,190	173,166	16,463	6,454	398,365
184 CORDAGE & TWINE IND.....	4,566	5,223	150	221	9,717
185 FELT & FIBRE PROCESSING MILLS.....	16,212	13,996	673	33	30,848
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	22,520	17,970	302	270	40,521
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	163,213	138,872	1,714	1,262	302,537
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL		
6 KNITTING MILLS.....	83,079	85,548	2,587	2,767	168,451
231 HOSIERY MILLS.....	17,595	21,918	517	801	39,230
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	65,484	63,630	2,070	1,963	129,221
7 CLOTHING IND.....	269,241	298,339	2,134	14,281	555,433
243 MEN'S CLOTHING IND.....	135,1835	158,118	1,147	9,355	285,744
244 WOMEN'S CLOTHING IND.....	84,480	89,600	455	3,280	171,255
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL		
246 FUR GOODS IND.....	14,112	9,724	52	383	23,504
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL		

TABLE 13 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL		
8 WOOD IND.....	386,944	336,439	17,561	6,626	734,319
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	117,179	99,427	7,324	1,011	222,918
252 VENEER & PLYWOOD MILLS.....	25,088	23,973	1,454	-299	50,814
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	162,192	134,517	3,151	2,789	297,071
256 WOODEN BOX FACTORIES.....	36,635	36,659	1,124	155	74,264
258 COFFIN & CASKET IND.....	1,859	3,005	147	-327	5,339
259 MISCELLANEOUS WOOD IND.....	43,991	38,858	4,360	3,297	83,912
9 FURNITURE & FIXTURE IND.....	367,471	381,030	6,890	12,355	743,036
261 HOUSEHOLD FURNITURE MFRS.....	197,298	198,343	3,496	7,063	392,075
264 OFFICE FURNITURE MFRS.....	50,924	63,831	1,323	1,020	115,057
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	110,990	108,956	1,962	4,310	217,597
268 ELECTRIC LAMP & SHADE MFRS.....	8,259	9,901	109	-38	18,307
10 PAPER & ALLIED IND.....	1,291,516	1,050,989	145,410	28,177	2,459,739
271 PULP & PAPER MILLS.....	579,398	540,709	131,311	14,531	1,236,886
272 ASPHALT ROOFING MFRS.....	22,125	15,499	1,053	1,366	37,311
273 PAPER BOX & BAG MFRS.....	388,696	262,180	7,041	5,824	652,092
274 MISCELLANEOUS PAPER CONVERTERS.....	301,297	232,602	6,006	6,456	533,449
11 PRINTING, PUBLISHING & ALLIED IND.....	547,949	1,032,723	10,229	5,137	1,585,764
286 COMMERCIAL PRINTING.....	309,313	452,444	5,923	634	767,046

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	20,521	69,121	718	269	90,092
288 PUBLISHING ONLY.....	82,923	118,214	0	3,332	197,805
289 PUBLISHING & PRINTING.....	135,191	392,944	3,588	901	530,822
12 PRIMARY METAL IND.....	2,462,859	1,917,225	213,224	86,002	4,507,306
291 IRON & STEEL MILLS.....	1,570,054	1,231,473	124,935	69,502	2,856,901
292 STEEL PIPE & TUBE MILLS.....	187,534	77,097	4,150	2,735	266,045
294 IRON FOUNDRIES.....	137,244	170,002	10,735	5,737	312,243
295 SMELTING & REFINING.....	61,823	218,050	59,700	1,351	338,222
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	210,892	88,160	5,651	1,224	303,479
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...			CONFIDENTIAL		
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL		
13 METAL FABRICATING IND.....	2,090,755	2,014,011	48,406	42,216	4,110,956
301 BOILER & PLATE WORKS.....	181,455	142,234	1,979	-1,110	326,778
302 FABRICATED STRUCTURAL METAL IND.....	141,648	198,409	3,299	7,776	335,580
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	199,312	188,684	3,360	4,480	386,875
304 METAL STAMPING, PRESSING & COATING IND.....	613,979	478,944	13,693	19,030	1,087,586
305 WIRE & WIRE PRODUCTS MFRS.....	312,254	246,247	7,891	1,307	565,086
306 HARDWARE, TOOL & CUTLERY MFRS.....	162,078	264,724	4,689	4,215	427,232
307 HEATING EQUIPMENT MFRS.....	66,300	66,701	1,405	2,476	131,472
308 MACHINE SHOPS.....					

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
309 MISCELLANEOUS METAL FABRICATING IND.....	374,975	351,713	10,988	3,591	734,085
14 MACHINERY IND.....	1,424,289	1,150,699	21,237	23,697	2,572,528
311 AGRICULTURAL IMPLEMENTS IND.....	325,308	199,955	6,170	11,797	519,636
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	792,101	762,307	11,924	12,560	1,553,771
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	90,768	59,646	870	-1,909	153,193
318 OFFICE & STORE MACHINERY MFRS.....	216,113	128,790	2,273	1,249	345,927
15 TRANSPORTATION EQUIPMENT IND.....	7,211,275	3,081,307	74,364	56,260	10,310,687
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	89,236	197,737	2,849	-5,131	294,953
323 MOTOR VEHICLE MFRS.....	5,090,975	1,201,840	27,456	18,062	6,302,209
324 TRUCK BODY & TRAILER MFRS.....	126,512	86,842	1,912	2,866	212,401
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,706,964	1,376,057	38,101	59,196	3,061,926
326 RAILROAD ROLLING STOCK IND.....	150,889	151,300	2,833	-17,649	322,671
327 SHIPBUILDING & REPAIR.....	20,571	46,687	869	-2,350	70,477
328 BOATBUILDING & REPAIR.....	25,008	19,834	316	1,325	43,834
329 MISCELLANEOUS VEHICLE MFRS.....	1,121	1,010	26	-60	2,217
16 ELECTRICAL PRODUCTS IND.....	1,579,323	1,600,638	27,555	34,174	3,173,341
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	123,761	95,391	1,690	-437	221,279
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	241,924	158,591	4,428	12,305	392,639
333 MFRS OF LIGHTING FIXTURES.....	36,870	30,536	422	152	67,676
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	147,931	83,050	753	4,598	227,137

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
335 COMMUNICATIONS EQUIPMENT MFRS.....	330,426	534,227	4,788	7,067	862,374
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	319,975	449,883	7,584	5,954	771,488
338 MFRS OF ELECTRIC WIRE & CABLE.....	244,407	106,608	4,454	600	356,868
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	134,029	142,353	3,435	3,935	275,881
17 NON-METALLIC MINERAL PRODUCTS IND.....	525,508	736,608	106,211	13,400	1,354,928
351 CLAY PRODUCTS MFRS.....	23,609	60,105	8,778	-1,128	93,620
352 CEMENT MFRS.....	25,198	80,832	33,265	1,294	138,001
353 STONE PRODUCTS MFRS.....	2,334	3,783	78	62	6,134
354 CONCRETE PRODUCTS MFRS.....	78,521	111,550	6,394	1,131	195,334
355 READY MIX CONCRETE MFRS.....	126,673	80,599	5,619	167	212,723
356 GLASS & GLASS PRODUCTS MFRS.....	118,003	202,067	19,531	6,789	332,812
357 ABRASIVES MFRS.....	52,815	47,879	9,014	1,071	108,637
358 LIME MFRS.....	3,245	15,017	10,303	-16	28,581
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	95,109	134,776	13,230	4,029	239,086
18 PETROLEUM & COAL PRODUCTS IND.....	1,685,661	375,504	21,662	4,687	2,078,140
365 PETROLEUM REFINERIES.....	1,676,372	367,200	20,563	4,666	2,059,468
369 MISC PETROLEUM & COAL PRODUCTS IND.....	9,289	8,304	1,099	21	18,672
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	1,705,222	1,516,264	202,880	26,856	3,397,511
372 MFRS OF MIXED FERTILIZERS.....	51,005	15,947	479	-351	67,782
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	1,007	1,007	1,007	1,007	1,007

TABLE 13 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	130,175	231,139	3,329	6,592	358,051
375 PAINT & VARNISH MFRS.....	159,167	120,099	2,228	5,898	275,597
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	229,940	158,685	4,370	6,192	386,804
377 MFRS OF TOILET PREPARATIONS.....	51,596	92,918	822	628	144,708
378 MFRS OF INDUSTRIAL CHEMICALS.....	640,031	581,438	177,818	5,169	1,394,118
379 MISCELLANEOUS CHEMICAL IND.....	282,652	229,385	7,419	-1,241	520,698
20 MISCELLANEOUS MANUFACTURING IND.....	695,101	765,010	12,313	17,144	1,455,280
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	243,019	310,012	3,960	6,356	550,635
392 JEWELLERY & SILVERWARE IND.....	153,958	85,725	930	-1,258	241,872
393 SPORTING GOODS & TOY IND.....	104,598	128,294	2,397	7,659	227,631
397 SIGNS & DISPLAYS IND.....	33,876	51,828	1,098	293	86,510
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	159,650	189,151	3,927	4,094	348,633
ALL MANUFACTURING INDUSTRIES.....	28,660,754	20,362,364	1,065,373	443,732	49,644,755

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 14 GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
1 FOOD & BEVERAGE IND.....	1,473	83,124	1,040,090	12,513
101 MEAT & POULTRY PRODUCTS IND.....	200	14,835	199,565	13,452
102 FISH PRODUCTS IND.....	12	575	5,674	9,868
103 FRUIT & VEGETABLE PROCESSING IND.....	122	10,855	111,553	10,277
104 DAIRY PRODUCTS IND.....	182	8,269	105,310	12,735
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	21	2,772	39,923	14,402
106 FEED IND.....	199	3,282	38,682	11,786
107 BAKERY PRODUCTS IND.....	474	13,281	147,264	11,088
108 MISCELLANEOUS FOOD IND.....	154	16,734	203,012	12,132
109 BEVERAGE IND.....	109	12,521	189,107	15,103
2 TOBACCO PRODUCTS IND.....	9	3,271	44,290	13,540
151 LEAF TOBACCO PROCESSORS.....	5	CONFIDENTIAL	CONFIDENTIAL	
153 TOBACCO PRODUCTS MFRS.....	4	CONFIDENTIAL	CONFIDENTIAL	
3 RUBBER & PLASTICS PRODUCTS IND.....	407	35,041	399,440	11,399
162 RUBBER PRODUCTS IND.....	67	18,201	227,044	12,474
165 PLASTICS FABRICATING IND, N.E.S.....	340	16,840	172,396	10,237
4 LEATHER IND.....	153	13,096	113,940	8,700
172 LEATHER TANNERIES.....	14	1,993	22,499	11,289
174 SHOE FACTORIES.....	62	8,311	68,601	8,254
175 LEATHER GLOVE FACTORIES.....	10	355	3,006	8,467

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
5 TEXTILE IND.....	67	2,437	19,834	8,139
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS....	367	29,897	317,452	10,618
181 COTTON YARN & CLOTH MILLS.....	6	CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	12	1,720	15,666	9,108
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	42	9,140	104,139	11,394
184 CORDAGE & TWINE IND.....	8	398	3,592	9,024
185 FELT & FIBRE PROCESSING MILLS.....	23	871	8,517	9,779
186 CARPET, MAT & RUG IND.....	16	CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	74	1,244	10,190	8,191
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	14	5,451	72,700	13,337
189 MISCELLANEOUS TEXTILE IND.....	172	CONFIDENTIAL		
6 KNITTING MILLS.....	79	6,987	57,184	8,184
231 HOSIERY MILLS.....	27	1,871	15,241	8,146
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	52	5,116	41,943	8,198
7 CLOTHING IND.....	414	23,197	189,277	8,160
243 MEN'S CLOTHING IND.....	134	12,495	100,682	8,058
244 WOMEN'S CLOTHING IND.....	145	6,751	55,942	8,286
245 CHILDREN'S CLOTHING IND.....	20	CONFIDENTIAL		
246 FUR GOODS IND.....	75	532	5,109	9,604
248 FOUNDATION GARMENT IND.....	7	CONFIDENTIAL		

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
			CONFIDENTIAL	
249 MISCELLANEOUS CLOTHING IND.....	33			
8 WOOD IND.....	683	19,872	212,339	10,685
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	222	5,660	64,385	11,375
252 VENEER & PLYWOOD MILLS.....	20	2,039	19,583	9,604
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	282	7,233	78,845	10,901
256 WOODEN BOX FACTORIES.....	86	2,240	21,736	9,704
258 COFFIN & CASKET IND.....	8	252	2,317	9,196
259 MISCELLANEOUS WOOD IND.....	65	2,448	25,473	10,406
9 FURNITURE & FIXTURE IND.....	711	23,173	237,843	10,264
261 HOUSEHOLD FURNITURE MFRS.....	483	13,228	127,902	9,669
264 OFFICE FURNITURE MFRS.....	40	3,030	36,068	11,904
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	162	6,242	68,556	10,983
268 ELECTRIC LAMP & SHADE MFRS.....	26	673	5,316	7,900
10 PAPER & ALLIED IND.....	301	45,645	612,502	13,419
271 PULP & PAPER MILLS.....	37	21,693	315,867	14,561
272 ASPHALT ROOFING MFRS.....	4	371	4,593	12,380
273 PAPER BOX & BAG MFRS.....	146	12,214	154,345	12,637
274 MISCELLANEOUS PAPER CONVERTERS.....	114	11,367	137,698	12,114
11 PRINTING, PUBLISHING & ALLIED IND.....	1,486	47,080	594,219	12,621
286 COMMERCIAL PRINTING.....	879	22,088	281,880	12,359

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	178	3,430	49,810	14,522
288 PUBLISHING ONLY.....	217	5,147	55,539	10,791
289 PUBLISHING & PRINTING.....	212	15,695	206,990	13,188
12 PRIMARY METAL IND.....	203	71,067	1,089,012	15,324
291 IRON & STEEL MILLS.....	17	40,315	664,237	16,476
292 STEEL PIPE & TUBE MILLS.....	13	2,929	43,742	14,934
294 IRON FOUNDRIES.....	57	6,902	93,421	13,535
295 SMELTING & REFINING.....	9	10,871	154,832	14,243
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	33	4,130	60,239	14,586
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...	27	CONFIDENTIAL		
298 METAL ROLLING, CASTING & EXTRUDING, N.E.-S.....	47	CONFIDENTIAL		
13 METAL FABRICATING IND.....	2,098	88,090	1,127,399	12,798
301 BOILER & PLATE WORKS.....	41	6,072	99,981	16,466
302 FABRICATED STRUCTURAL METAL IND.....	71	7,115	116,219	16,334
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	249	7,139	90,288	12,647
304 METAL STAMPING, PRESSING & COATING IND.....	397	20,126	253,058	12,574
305 WIRE & WIRE PRODUCTS MFRS.....	170	10,623	131,229	12,353
306 HARDWARE, TOOL & CUTLERY MFRS.....	456	13,975	164,052	11,739
307 HEATING EQUIPMENT MFRS.....	58	3,059	36,112	11,805
308 MACHINE SHOPS.....	336	4,056	51,475	12,691

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	320	15,925	184,986	11,616
14 MACHINERY IND.....	607	54,438	714,195	13,119
311 AGRICULTURAL IMPLEMENTS IND.....	52	10,418	162,542	15,602
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	502	34,736	427,869	12,318
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	22	2,682	35,914	13,391
318 OFFICE & STORE MACHINERY MFRS.....	31	6,602	87,870	13,310
15 TRANSPORTATION EQUIPMENT IND.....	390	105,889	1,621,219	15,311
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	38	7,979	109,243	13,691
323 MOTOR VEHICLE MFRS.....	11	39,267	662,105	16,862
324 TRUCK BODY & TRAILER MFRS.....	79	4,692	57,041	12,157
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	185	45,908	683,433	14,887
326 RAILROAD ROLLING STOCK IND.....	9	4,424	67,060	15,158
327 SHIPBUILDING & REPAIR.....	11	2,271	28,640	12,611
328 BOATBUILDING & REPAIR.....	51	1,289	13,172	10,219
329 MISCELLANEOUS VEHICLE MFRS.....	6	59	524	8,881
16 ELECTRICAL PRODUCTS IND.....	497	80,702	978,868	12,129
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	39	5,211	54,164	10,394
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	24	8,281	98,937	11,947
333 MFRS OF LIGHTING FIXTURES.....	33	1,484	15,794	10,643
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	13	5,007	55,032	10,991

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	161	22,992	281,401	12,239
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	121	24,235	314,837	12,991
338 MFRS OF ELECTRIC WIRE & CABLE.....	17	5,332	68,673	12,879
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	89	8,160	90,030	11,033
17 NON-METALLIC MINERAL PRODUCTS IND.....	487	27,477	378,253	13,766
351 CLAY PRODUCTS MFRS.....	51	2,770	31,769	11,469
352 CEMENT MFRS.....	7	1,352	21,472	15,882
353 STONE PRODUCTS MFRS.....	24	207	2,100	10,145
354 CONCRETE PRODUCTS MFRS.....	185	4,704	63,729	13,548
355 READY MIX CONCRETE MFRS.....	117	3,139	48,668	15,504
356 GLASS & GLASS PRODUCTS MFRS.....	39	7,658	102,381	13,369
357 ABRASIVES MFRS.....	15	2,110	25,503	12,087
358 LIME MFRS.....	6	366	4,653	12,712
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	43	5,171	77,978	15,080
18 PETROLEUM & COAL PRODUCTS IND.....	30	9,348	189,760	20,300
365 PETROLEUM REFINERIES.....	14	9,152	186,629	20,392
369 MISC PETROLEUM & COAL PRODUCTS IND.....	16	196	3,131	15,973
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	524	43,278	618,315	14,287
372 MFRS OF MIXED FERTILIZERS.....	41	653	7,374	11,292
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	27	2,224	35,510	15,967

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1976

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	72	7,283	91,820	12,607
375 PAINT & VARNISH MFRS.....	66	4,417	56,450	12,780
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	45	5,111	76,646	14,996
377 MFRS OF TOILET PREPARATIONS.....	37	3,268	32,792	10,034
378 MFRS OF INDUSTRIAL CHEMICALS.....	56	12,544	217,946	17,375
379 MISCELLANEOUS CHEMICAL IND.....	180	7,778	99,777	12,828
20 MISCELLANEOUS MANUFACTURING IND.....	960	41,139	435,697	10,591
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	301	14,920	180,443	12,094
392 JEWELLERY & SILVERWARE IND.....	126	4,766	49,357	10,356
393 SPORTING GOODS & TOY IND.....	100	6,770	66,895	9,881
397 SIGNS & DISPLAYS IND.....	185	3,456	37,738	10,920
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	248	11,227	101,263	9,020
ALL MANUFACTURING INDUSTRIES.....	11,879	851,811	10,971,292	12,880

NOTE 1 FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1977

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Ministry of
Treasury and
Economics

Central
Statistical
Services

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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1977



Ontario

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Treasury and
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Services

PREFACE

Consumption of Fuel and Electricity by Ontario Manufacturing Industries is an annual publication. This seventh issue in a series, covers an extensive range of data on energy use in the Ontario manufacturing sector. The data presented are based on the Annual Census of Manufactures for 1977, the latest year for which detailed figures are available.

The publication is intended to provide an important basis for economic analysis and policy development. It contains a brief introductory section which outlines the highlights of the data. The main body of this report consists of 14 tables. These comprise aggregations at 2 digit major group and 3 digit industry group levels representing data on energy use, production statistics and related ratios.

The Explanatory Text contains a table of factors for converting various fuel quantities into BTU (British Thermal Unit) and/or kWh (kilowatt-hour) equivalents. These factors have been used in calculating the figures in Table 12.

November 1979

EXPLANATORY TEXT

ENERGY CONSUMED

In this publication, energy consumed is defined as fuel and electricity purchased and consumed. The data do not represent total energy consumption by the manufacturing industries. For example, in certain industries where coal and coke and/or natural gas etc., are used as a catalyst, this type of energy is included in manufacturing materials and supplies. Furthermore, it should be noted that energy generated by establishments from their own facilities is not included in this publication.

This definition should be borne in mind when considering the tables on natural gas and coal appearing on pages 50 to 56 and pages 64 to 70.

DIRECT ENERGY REQUIREMENTS

For the purpose of this publication, the term Direct Energy Requirements is used interchangeably with Energy Consumed.

CONFIDENTIALITY OF DATA

Central Statistical Services is prohibited by law from publishing any statistics which would divulge information relating to any individual company in the Annual Census of Manufactures. In collaboration with Statistics Canada and the other Provinces, it is frequently necessary to suppress any information that may create residual disclosure, at the national and/or provincial levels. In such cases, all suppressed data are marked as "CONFIDENTIAL".

SIC

SIC refers to the Standard Industrial Classification. The classification of industries used in this publication is based on the Standard Industrial Classification Manual (revised 1970 edition Catalogue Number 12-501) published by Statistics Canada.

CONVERSION TABLE

In order to provide a common measure when comparing energy statistics, we have included the following table which gives the conversion factors for converting various fuels into BTU (British Thermal Unit) equivalents and/or kWh (Kilowatt-hour) equivalents:

Fuel Type	Natural Unit	Heat Equivalents	
		BTU Million	kWh
Coal	Short Ton	24.9128	7,302
Natural Gas	Cubic Foot	0.0010	0.2931
Gasoline	Canadian Gallon	0.1492	44
Fuel Oil	Canadian Gallon	0.1769	52
Liquid Petroleum Gas	Canadian Gallon	0.1170	34
Electricity	Kilowatt-Hour	0.003412	-

ENERGY USED BY ONTARIO MANUFACTURING

The total value of energy consumed by Ontario manufacturing industries in 1977 exceeded \$1,310 million; an increase of 23.0 per cent over the previous year.

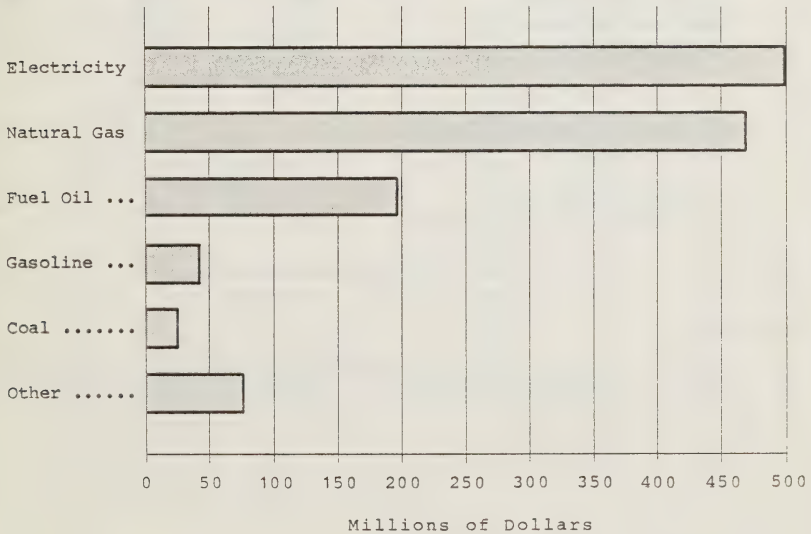
The type of energy used by Ontario manufacturing industries is outlined in the following table and chart:

Table A

Expenditure on Energy by Ontario Manufacturing Industries, 1977

	<u>\$ Million</u>	<u>Percent</u>
Electricity	499.6	38.1
Natural Gas	468.7	35.8
Fuel Oil	196.8	15.0
Gasoline	43.3	3.3
Coal	25.2	1.9
Other	77.1	5.9
Total	1,310.7	100.0

Expenditure on Energy by Ontario Manufacturing Industries, 1977



ENERGY INTENSIVE INDUSTRIES

In terms of value added, the six most energy intensive are; pulp and paper mills, industrial chemicals, smelting and refining, cement manufacturers, abrasives manufacturers and lime manufacturers. The following table shows that intensity of energy use is not directly related to value added.

While six industries listed in the table below consumed 39.2 per cent of the total value of fuel and electricity used by Ontario Manufacturers, they accounted for a relatively small proportion (7.2 per cent) of total value added in Manufacturing.

Table B

Ontario's Energy Intensive Manufacturing Industries, 1977*

SIC Code	Industries	Value Added in Mfg. (\$ million)	Energy Cost Per \$000 Value Added (\$)	Energy Cost Per Person Employed (\$)
271	Pulp and Paper Mills	681.8	266	8,396
378	Industrial Chemicals	540.5	388	14,934
295	Smelting and Refining	229.5	278	5,996
352	Cement Manufacturers	92.9	398	28,921
357	Abrasives Manufacturers	52.6	227	5,777
358	Lime Manufacturers	19.3	532	29,442
	Total (6 Industries)	1,616.6		
	Per Cent of Total Value Added in Manufacturing	7.2		
	Per Cent of Total Energy Consumption in Manufacturing	39.2		

*Definition

Energy intensive industries in this study have been defined as those for which the energy cost per thousand dollars of value added are at least three times the average cost of \$58.11

ENERGY USE BY LARGE INDUSTRIES

For the total Ontario manufacturing sector, fuel and electricity costs in 1977 were equivalent to 2.1 per cent of value of shipments of goods of own manufacture and 3.7 per cent of value of raw materials and supplies used. Since only four industries consume 47.4 per cent of total fuel and electricity, it follows that the great majority of industries, including most of the large ones, are not energy intensive by the definition on page ii.

The table below outlines energy use for Ontario's twenty largest industries based on value added, of which only two are energy intensive.

Table C

Energy Costs of Twenty Largest Manufacturing Industries in Ontario, 1977

SIC Code	Industries	Amount Spent on Energy			
		Value Added in Mfg.	Per \$000 Value Added Mfg.	Per Person Employed	Per \$000 Shipments
		(\$million)	(\$)	(\$)	(\$)
325	Motor Vehicle Parts and Accessories	1,686	29	1,013	13
323	Motor Vehicle Manufacturers	1,610	23	819	5
291	Iron and Steel Mills	1,422	117	4,061	53
315	Miscellaneous Machinery and Equipment	882	16	414	8
271	Pulp and Paper Mills	682	266	8,396	113
109	Beverage Industries	602	31	1,464	19
335	Communications Equipment	586	10	256	6
378	Industrial Chemicals	540	388	14,934	133
304	Metal Stamping, Pressing and Coating	520	38	799	13
286	Commercial Printing	498	14	308	8
336	Electrical Industrial Equipment	484	17	387	10
162	Rubber Products Industries	454	42	1,043	22
365	Petroleum Refineries	450	73	3,386	13
289	Publishing and Printing	416	10	278	7
309	Miscellaneous Metal Fabricating	387	33	789	16
101	Meat and Poultry Products	378	43	1,060	10
165	Plastics Fabricating Ind., n.e.s.	359	45	928	21
391	Scientific and Professional Equipment	329	14	309	8
306	Hardware, Tool and Cutlery	296	18	428	12
305	Wire and Wire Products Manufacturers	269	38	933	16
	Total	12,850			
	Per cent of Total Value Added in Manufacturing		57.0		

LARGEST USERS OF ENERGY

Four industries consumed 47.4 percent, by value, of energy used in Ontario Manufacturing. In addition to iron and steel mills, these included three energy intensive industries: industrial chemicals, pulp and paper mills and smelting and refining. Industrial Chemicals was found to be the largest user of energy.

Table D

Largest Manufacturing Energy Users in Ontario, 1977

<u>SIC Code</u>	<u>Industries</u>	<u>All Sources</u>	<u>Electricity</u>	<u>Natural Gas</u>	<u>Fuel Oil</u>	<u>Coal</u>	<u>Gasoline</u>
Per cent of Total Manufacturing Use							
378	Industrial Chemicals	16.0	10.1	15.6	19.8	0.4	1.0
271	Pulp and Paper Mills	13.8	15.4	16.3	9.4	24.7	0.9
291	Iron and Steel Mills	12.7	12.9	13.5	15.8	-	1.6
295	Smelting and Refining	4.9	4.0	4.4	8.9	21.9	0.4

ENERGY AND EMPLOYMENT

The following table shows the ten industries which in 1977 bore the highest energy cost per person employed.

Table E

Energy Costs Per Person Employed in Ontario, 1977

<u>SIC Code</u>	<u>Industries</u>	<u>Energy Cost Per Person Employed</u>	<u>Total Employment</u>
		\$	(Persons)
358	Lime Manufacturers	29,442	349
352	Cement Manufacturers	28,921	1,279
378	Industrial Chemicals	14,934	14,042
369	Miscellaneous Petroleum and Coal Products	10,716	104
271	Pulp and Paper Mills	8,396	21,604
295	Smelting and Refining	5,996	10,641
357	Abrasives Manufacturers	5,777	2,062
291	Iron and Steel Mills	4,061	40,914
351	Clay Products Manufacturers	3,959	2,656
373	Plastics and Synthetic Resins	3,677	2,681

COMPOSITION OF ENERGY BY ONTARIO MANUFACTURING INDUSTRIES

In the case of electricity, natural gas, fuel oil and gasoline, the ten largest consuming industries account for over 46 per cent, by value, of total consumption in the manufacturing sector. With respect to coal, the seven largest consumers account for more than 90 per cent, by value, of total consumption.

Table F

Electricity - Ten Largest Users in Ontario, 1977

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
271	Pulp and Paper Mills	77.0	15.4
291	Iron and Steel Mills	64.4	12.9
378	Industrial Chemicals	50.6	10.1
325	Motor Vehicle Parts and Accessories	26.5	5.3
295	Smelting and Refining	20.0	4.0
365	Petroleum Refining	18.5	3.7
323	Motor Vehicle Manufacturers	15.7	3.1
357	Abrasives Manufacturers	11.1	2.2
162	Rubber Products	9.5	1.9
165	Plastics Products, n.e.s.	9.3	1.9
	Total	302.6	60.5

A chart for the ten largest users of electricity in Ontario for 1977 is given below:

Electricity - Ten Largest Users in Ontario, 1977

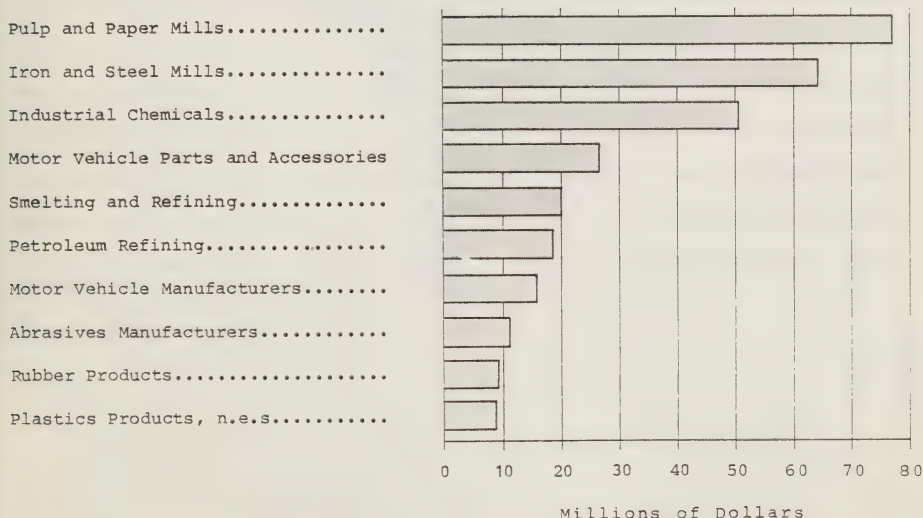


Table G

Natural Gas - Ten Largest Users in Ontario, 1977

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
271	Pulp and Paper Mills	76.4	16.3
378	Industrial Chemicals	73.1	15.6
291	Iron and Steel Mills	63.3	13.5
295	Smelting and Refining	20.5	4.4
356	Glass and Glass Products	15.8	3.4
325	Motor Vehicle Parts and Accessories	15.1	3.2
365	Petroleum Refining	11.5	2.5
352	Cement Manufacturers	10.5	2.2
109	Beverage Industries	9.1	2.0
323	Motor Vehicle Manufacturers	8.8	1.9
Total		304.1	65.0

A chart for the ten largest users of natural gas in Ontario for 1977 is given below:

Natural Gas - Ten Largest Users in Ontario, 1977

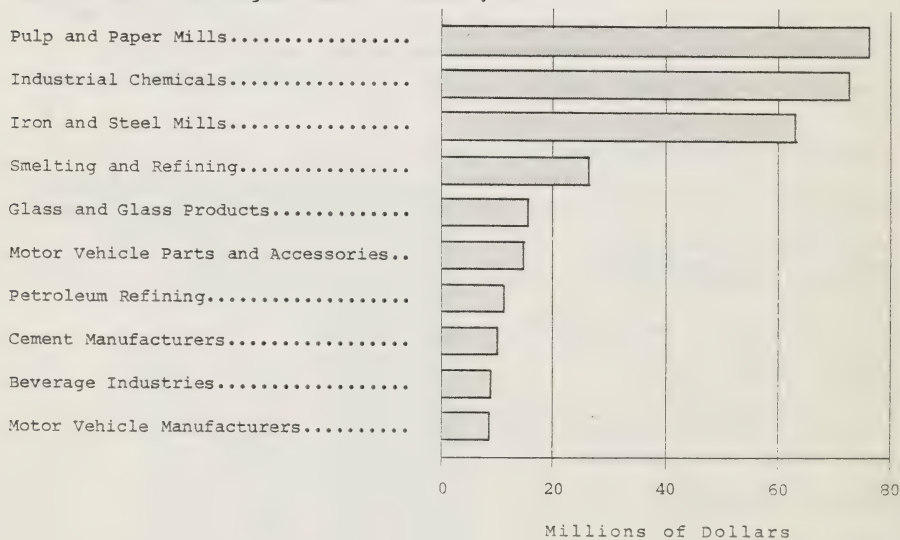


Table H

Fuel Oil - Ten Largest Users in Ontario, 1977

SIC Code	Industry	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
378	Industrial Chemicals	39.0	19.8
291	Iron and Steel Mills	31.2	15.8
271	Pulp and Paper Mills	18.5	9.4
295	Smelting and Refining	17.5	8.9
352	Cement Manufacturers	7.6	3.8
323	Motor Vehicle Manufacturers	6.7	3.4
358	Lime Manufacturers	6.0	3.0
183	Man-Made Fibre, Yarn & Cloth Mills	4.3	2.2
359	Miscellaneous Non-Metallic Mineral Products	3.9	2.0
355	Ready-Mix Concrete	3.6	1.9
Total		138.3	70.2

A chart for the ten largest users of fuel in Ontario 1977 is given below:

Fuel Oil - Ten Largest Users in Ontario, 1977

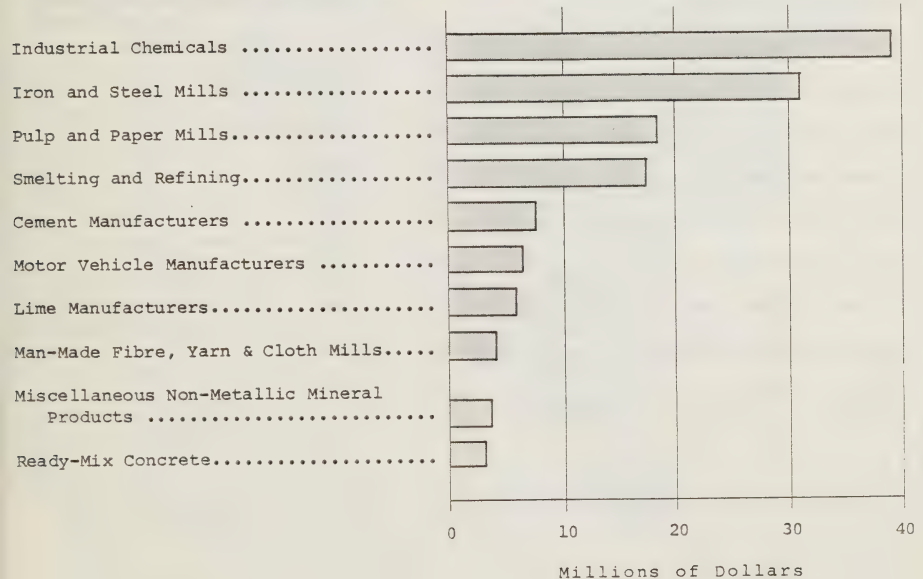


Table I

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1977

SIC Code	Industries	Light Fuel Oil (Gal. 000)	Heavy Fuel Oil (Gal. 000)
378	Industrial Chemicals	6,275	124,677
291	Iron and Steel Mills	522	94,709
295	Smelting and Refining	1,739	56,971
271	Pulp and Paper Mills	1,296	52,514
352	Cement Manufacturers	338	24,142
323	Motor Vehicle Manufacturers	104	22,616
358	Lime Manufacturers	1,484	17,117
183	Man-Made Fibre, Yarn and Cloth Mills	358	14,616
359	Miscellaneous Non-Metallic Mineral Products	1,867	8,843
162	Rubber Products	1,463	7,894

In this table, unlike other tables in this publication, kerosene and diesel oil are not included in the figures for fuel oil.

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1977

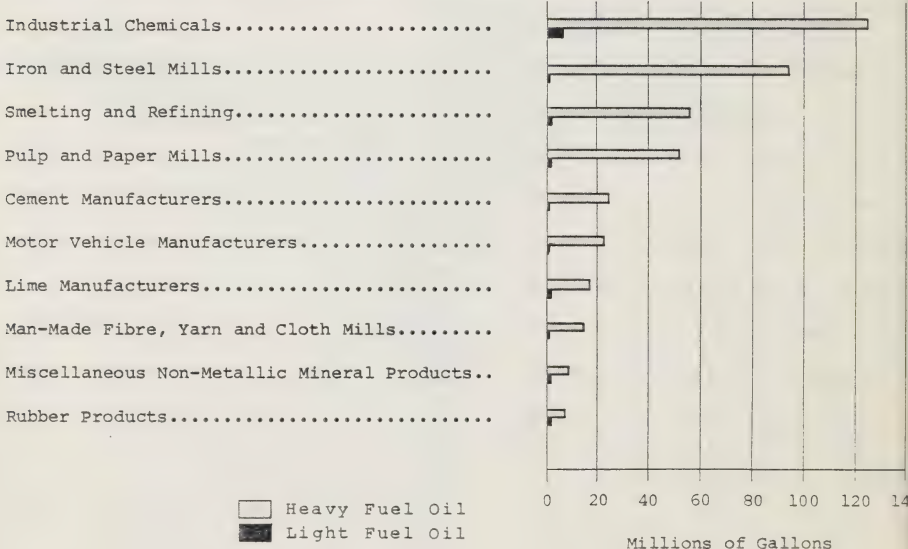


Table J

Gasoline - Ten Largest Users in Ontario, 1977

<u>SIC Code</u>	<u>Industries</u>	<u>Amount Used (\$ Million)</u>	<u>Per Cent of Total Mfg. Use</u>
104	Dairy Products	3.5	8.7
101	Meat and Poultry Products	2.5	6.3
107	Bakery Products	2.5	6.1
109	Beverage Industries	2.3	5.7
323	Motor Vehicle Manufacturers	2.2	5.4
108	Miscellaneous Food Industries	2.0	5.0
251	Sawmills, Planing Mills and Shingle Mills	1.3	3.2
354	Concrete Products	1.2	3.0
106	Feed Industry	1.2	2.9
325	Motor Vehicle Parts and Accessories	1.1	2.7
	Total	19.8	49.0

A chart for the ten largest users of gasoline in Ontario for 1977 is given below:

Gasoline - Ten Largest Users in Ontario, 1977

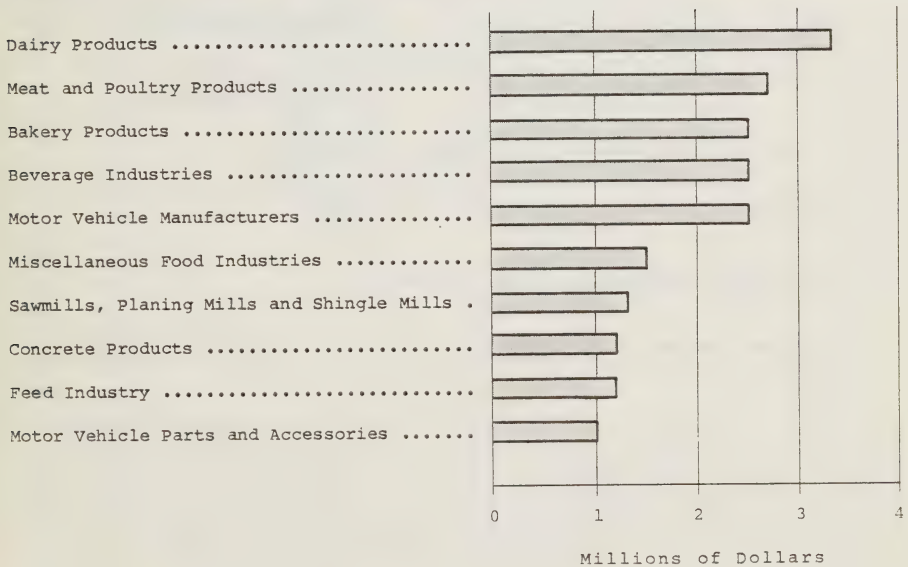


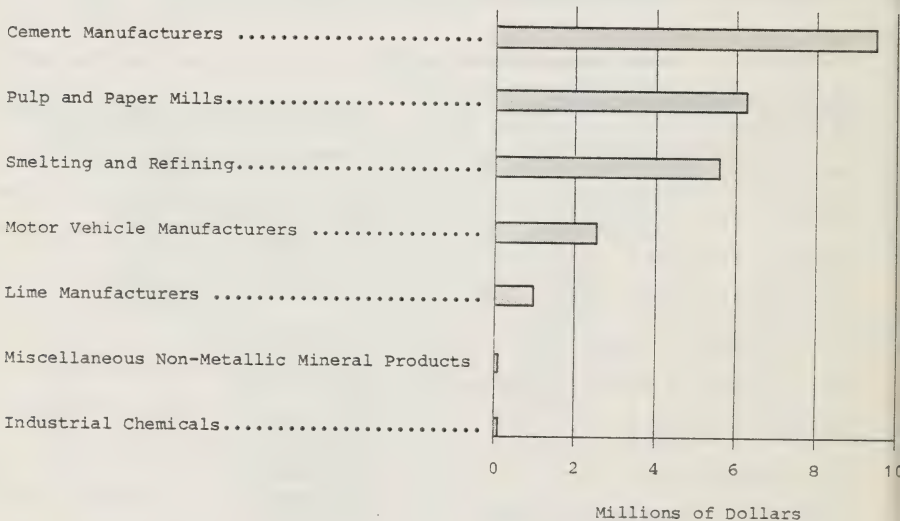
Table K

Coal - Seven Largest Users in Ontario, 1977

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
352	Cement Manufacturers	9.4	37.5
271	Pulp and Paper Mills	6.2	24.7
295	Smelting and Refining	5.5	21.9
323	Motor Vehicle Manufacturers	2.5	9.9
358	Lime Manufacturers	0.9	3.6
359	Miscellaneous Non-Metallic Mineral Products	0.1	0.5
378	Industrial Chemicals	0.1	0.4
	Total	24.7	98.5

A chart for the seven largest users of coal in Ontario for 1977 is given below:

Coal - Seven Largest Users in Ontario, 1977



Energy Consumption Vs. Value Added for
20 Major Industry Groups in Ontario 1977

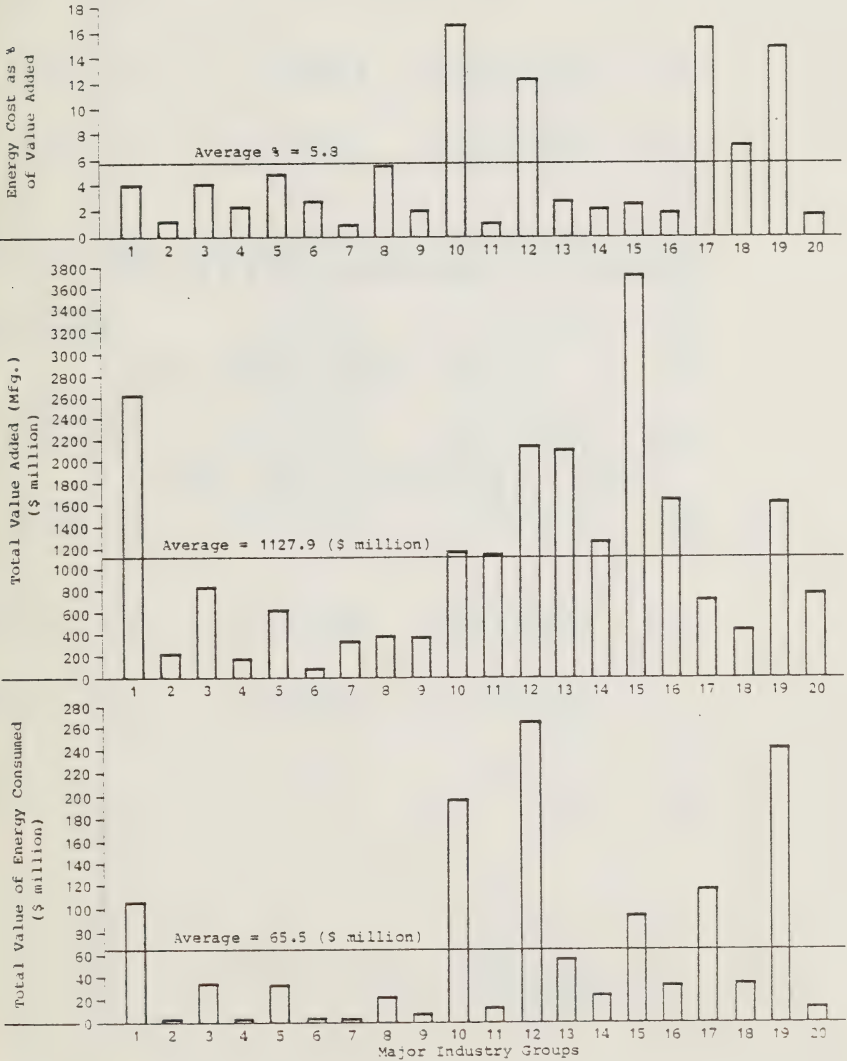


Table 1

Interprovincial Comparison of Selected Provincial Statistics and Associated Ratios
Ranked by Value Added/Cost of F & E, 1971, 1976 and 1978

1977 (Preliminary Data) XI

	Number of Establishments	Cost of F & E	Value of Shipments \$'000	Manufacturing Value Added	Total Employment Number*	(Value Added/ Cost of F & E) Ratio	Cost of F & E Per Employee	Value of Shipments Per Employee	Value Added Per Employee
1976, X2									
Canada	22,115	2,790,130	108,855,794	45,113,454	1,704,415	15.81	1,437	63,867	23,082
Atlantic									
New Brunswick	495	118,158	2,040,500	641,567	36,275	5.42	3,982	68,650	21,283
Nova Scotia	640	100,710	2,001,680	715,179	39,428	11.45	3,014	83,312	31,095
Prince Edward Island	232	29,497	799,466	361,672	14,904	11.65	2,759	46,797	23,079
Quebec	582	37,296	1,299,498	469,980	18,648	14.48	2,600	69,686	25,203
Newfoundland	232	29,497	799,466	361,672	14,904	11.45	3,014	83,312	31,095
Quebec	640	100,710	2,001,680	715,179	39,428	11.45	3,014	83,312	31,095
Ontario	11,800	1,006,520	49,014,777	20,140,677	853,417	19.14	1,459	58,107	23,905
Manitoba	1,700	91,030	5,108,700	1,744,744	67,180	18.68	1,096	51,455	20,679
Saskatchewan	24	307	5,16,455	5,736	1,280	17.37	1,168	49,183	20,289
Alberta	9,030	612,927	25,802,937	10,644,192	524,632	16.96	1,492	50,715	20,220
British Columbia	1,171	64,754	2,766,058	1,094,088	54,306	16.40	1,736	62,890	26,424
Yukon	3,465	2,458	6,571,459	5,047,014	104,373	16.29	1,542	38,327	17,387
Prince Edward Island	232	29,497	799,466	361,672	14,904	11.45	3,014	83,312	31,095
Quebec	640	100,710	2,001,680	715,179	39,428	11.45	3,014	83,312	31,095
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British Columbia	1,171	64,754	2,766,058	1,094,088	54,306	16.40	1,736	62,890	26,424
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British Columbia	1,171	64,754	2,766,058	1,094,088	54,306	16.40	1,736	62,890	26,424
Yukon	3,465	2,458	6,571,459	5,047,014	104,373	16.29	1,542	38,327	17,387
Prince Edward Island	232	29,497							

ENERGY REQUIREMENTS DATA

by

Two Digit Major Group

and

Three Digit Industry Group

TABLE 1 DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1977

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
1 FOOD & BEVERAGE IND.....	7,473,541	14.34	2.15	1.99	5.60	.01	4.33
101 MEAT & POULTRY PRODUCTS IND.....	1,690,889	9.54	1.79	1.49	2.98	.00	3.20
102 FISH PRODUCTS IND.....							
103 FRUIT & VEGETABLE PROCESSING IND.....	631,934	14.41	4.07	.59	4.98	.07	4.48
104 DAIRY PRODUCTS IND.....	1,082,277	13.49	2.83	3.07	3.55	.00	3.87
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	338,406	12.40	.95	.26	3.84	.00	7.31
106 FEED IND.....	472,767	12.27	2.36	2.68	3.00	.00	3.98
107 BAKERY PRODUCTS IND.....	454,929	19.71	2.01	5.55	7.03	.00	5.11
108 MISCELLANEOUS FOOD IND.....							
109 BEVERAGE IND.....	993,056	18.87	2.64	2.51	9.21	.00	4.43
2 TOBACCO PRODUCTS IND.....	521,435	4.97	.60	.55	1.00	.00	2.70
151 LEAF TOBACCO PROCESSORS.....	224,828	4.61	1.37	.16	.89	.00	1.98
153 TOBACCO PRODUCTS MFRS.....	296,607	5.24	.03	.84	1.08	.00	3.25
3 RUBBER & PLASTICS PRODUCTS IND.....	1,646,409	21.28	2.54	.39	5.82	.00	11.43
162 RUBBER PRODUCTS IND.....	862,568	21.85	3.39	.13	6.95	.00	11.00
165 PLASTICS FABRICATING IND, N.E.S.....	783,841	20.67	1.60	.68	4.59	.00	11.92
4 LEATHER IND.....	366,660	11.39	1.91	.29	4.15	.00	4.97
172 LEATHER TANNERIES.....	95,179	25.30	5.50	.13	11.58	.00	7.86
174 SHOE FACTORIES.....	201,843	6.00	.67	.22	1.39	.00	3.72
175 LEATHER GLOVE FACTORIES.....	5,822	6.38	.35	.85	2.96	.00	2.14

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1977

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	63,815	8.17	.63	.72	1.92	.00	4.88
5 TEXTILE IND.....	1,390,455	24.14	3.78	.50	8.91	.00	10.29
181 COTTON YARN & CLOTH MILLS.....							
182 WOOL YARN & CLOTH MILLS.....	50,343	26.68	.44	.50	14.63	.00	11.11
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	479,830	42.64	9.00	.20	15.12	.00	18.23
184 CORDAGE & TWINE IND.....	9,826	16.54	2.61	.37	1.03	.00	12.53
185 FELT & FIBRE PROCESSING MILLS.....	32,731	25.35	4.68	1.12	9.11	.00	10.36
186 CARPET, MAT & RUG IND.....							
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	38,479	8.04	1.82	2.29	1.46	.00	2.44
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	345,057	6.91	.74	.16	2.26	.00	3.24
189 MISCELLANEOUS TEXTILE IND.....							
6 KNITTING MILLS.....	182,583	14.41	2.71	.22	4.56	.00	6.33
231 HOSIERY MILLS.....	42,440	14.55	2.39	.16	3.64	.00	7.85
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	140,143	14.37	2.80	.24	4.84	.00	5.87
7 CLOTHING IND.....	614,264	4.13	.57	.38	.72	.00	2.37
243 MEN'S CLOTHING IND.....	312,652	4.26	.82	.36	.73	.00	2.22
244 WOMEN'S CLOTHING IND.....							
245 CHILDREN'S CLOTHING IND.....							
246 FUR GOODS IND.....							
248 FOUNDATION GARMENT IND.....	23,312	2.35	.06	.66	.07	.00	1.56

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1977

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$'000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS						
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY	
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
CONFIDENTIAL								
249 MISCELLANEOUS CLOTHING IND.....								
8 WOOD IND.....	870,023	26.11	5.13	3.65	5.64	.00	10.31	
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	290,277	32.44	9.99	5.34	3.56	.00	12.74	
252 VENEER & PLYWOOD MILLS.....	59,237	29.37	3.04	2.80	9.66	.00	13.44	
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	292,993	13.13	2.13	3.31	1.75	.00	5.71	
256 WOODEN BOX FACTORIES.....	99,957	13.94	4.06	2.65	2.22	.00	4.16	
258 COFFIN & CASKET IND.....	5,145	17.90	2.10	8.44	2.49	.35	4.48	
259 MISCELLANEOUS WOOD IND.....	122,412	50.87	2.80	1.52	20.82	.00	19.34	
9 FURNITURE & FIXTURE IND.....	742,844	10.59	1.27	.97	3.42	.01	4.80	
261 HOUSEHOLD FURNITURE MFRS.....	388,300	10.75	1.58	.93	2.85	.03	5.20	
264 OFFICE FURNITURE MFRS.....	128,833	12.53	.96	.53	5.75	.00	5.07	
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	209,143	9.30	.91	1.36	3.19	.00	3.82	
268 ELECTRIC LAMP & SHADE MFRS.....	16,567	8.24	.72	.43	1.54	.00	5.54	
10 PAPER & ALLIED IND.....								
271 PULP & PAPER MILLS.....	2,826,617	69.76	6.94	.51	29.18	2.20	29.75	
272 ASPHALT ROOFING MFRS.....	1,603,036	113.16	11.54	.25	47.64	3.88	48.04	
273 PAPER BOX & BAG MFRS.....	44,185	31.51	4.61	.48	17.80	.00	8.62	
274 MISCELLANEOUS PAPER CONVERTERS.....	649,811	11.88	.84	1.17	3.99	.00	5.48	
11 PRINTING, PUBLISHING & ALLIED IND.....								
286 COMMERCIAL PRINTING.....	529,585	12.61	.67	.49	5.16	.00	5.94	
	1,747,923	7.03	.42	1.17	1.36	.00	3.81	
	827,967	8.48	.58	.93	1.91	.00	4.59	

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1977

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	116,894	8.61	.55	2.35	1.48	.00	4.00
288 PUBLISHING ONLY.....	233,754	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	569,308	7.50	.32	1.76	1.09	.00	4.19
12 PRIMARY METAL IND.....	4,946,391	53.68	10.57	.27	19.31	1.17	20.64
291 IRON & STEEL MILLS.....	3,159,580	52.59	9.86	.21	20.04	.00	20.39
292 STEEL PIPE & TUBE MILLS.....	242,121	18.92	.82	.20	9.58	.00	8.11
294 IRON FOUNDRIES.....	343,601	38.75	1.77	.36	9.78	.09	23.06
295 SMELTING & REFINING.....	375,746	169.82	46.48	.51	54.64	14.63	53.25
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	346,888	21.85	3.98	.40	6.39	.00	10.62
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...							
13 METAL FABRICATING IND.....	4,438,574	12.71	.92	.97	5.15	.00	5.36
301 BOILER & PLATE WORKS.....	356,123	5.83	.96	.34	1.84	.00	2.63
302 FABRICATED STRUCTURAL METAL IND.....	310,191	11.98	1.46	2.79	2.94	.00	4.43
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	369,116	9.40	.66	1.77	2.88	.00	3.88
304 METAL STAMPING, PRESSING & COATING IND.....	1,253,840	12.59	.69	.69	5.74	.00	5.15
305 WIRE & WIRE PRODUCTS MFRS.....	627,431	16.38	.37	.31	7.45	.00	7.46
306 HARDWARE, TOOL & CUTLERY MFRS.....	466,708	11.61	.59	.98	3.87	.00	5.99
307 HEATING EQUIPMENT MFRS.....	133,126	11.84	.27	.95	5.64	.00	4.69
308 MACHINE SHOPS.....	130,656	10.86	1.29	2.77	2.05	.00	4.67

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TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1977

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS	
					(\$)	COAL ELECTRICITY (\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	791,383	16.04	1.83	.82	6.96	.00 6.16
14 MACHINERY IND.....	2,827,011	9.11	.69	.65	3.39	.01 4.20
311 AGRICULTURAL IMPLEMENTS IND.....	568,897	13.75	1.18	.44	6.65	.00 5.20
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	1,787,371	8.12	.67	.52	2.76	.02 3.98
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	150,120	6.68	.33	.59	2.93	.00 2.76
318 OFFICE & STORE MACHINERY MFRS.....	320,624	7.55	.13	1.80	1.33	.00 4.30
15 TRANSPORTATION EQUIPMENT IND.....	12,429,614	7.63	.88	.36	2.12	.20 3.75
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	280,677	12.04	2.71	.40	2.44	.00 6.48
323 MOTOR VEHICLE MFRS.....	7,802,096	4.69	.85	.35	1.12	.32 2.02
324 TRUCK BODY & TRAILER MFRS.....	242,959	7.92	.67	1.20	2.76	.00 3.20
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	3,733,769	13.12	.71	.32	4.05	.00 7.11
326 RAILROAD ROLLING STOCK IND.....	257,595	10.44	2.52	.23	3.16	.00 4.32
327 SHIPBUILDING & REPAIR.....	74,156	11.57	.60	1.49	2.57	.00 6.39
328 BOATBUILDING & REPAIR.....	35,767	9.50	1.63	1.48	2.66	.00 3.54
329 MISCELLANEOUS VEHICLE MFRS.....	2,594	11.77	.00	2.53	4.66	.00 4.58
16 ELECTRICAL PRODUCTS IND.....	3,245,249	9.67	.69	.24	3.22	.00 5.39
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	231,600	9.43	.33	.26	4.39	.00 4.43
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	407,464	12.02	.76	.01	5.72	.00 5.30
333 MFRS OF LIGHTING FIXTURES.....	71,157	6.65	.25	.50	2.60	.00 3.29
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	156,936	2.90	.33	.01	.70	.00 1.79

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1977

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$'000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	932,527	6.25	.49	.19	1.46	.00 4.07
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	803,518	10.44	.94	.32	3.44	.00 5.63
338 MFRS OF ELECTRIC WIRE & CABLE.....	359,349	13.96	.64	.10	3.67	.00 9.32
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	282,698	14.67	1.18	.70	4.85	.05 7.54
17 NON-METALLIC MINERAL PRODUCTS IND.....	1,377,555	87.00	17.45	1.73	33.13	7.58 25.86
351 CLAY PRODUCTS MFRS.....	98,639	106.59	6.24	1.68	78.53	.00 19.77
352 CEMENT MFRS.....	148,865	248.48	50.73	.41	70.37	63.32 61.55
353 STONE PRODUCTS MFRS.....	7,277	14.29	2.04	3.99	2.28	.16 5.81
354 CONCRETE PRODUCTS MFRS.....	180,401	34.98	11.54	6.60	9.55	.00 6.07
355 READY MIX CONCRETE MFRS.....	215,608	25.80	16.90	2.65	2.31	.00 3.84
356 GLASS & GLASS PRODUCTS MFRS.....	346,691	65.00	.38	.23	45.65	.00 18.15
357 ABRASIVES MFRS.....	118,950	100.14	.94	.61	5.56	.00 92.94
358 LIME MFRS.....	32,871	312.60	181.19	.84	73.98	27.52 29.07
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	228,253	68.55	17.22	.83	27.41	.50 18.59
18 PETROLEUM & COAL PRODUCTS IND.....	2,604,641	12.96	.46	.06	4.52	.00 7.19
365 PETROLEUM REFINERIES.....	2,588,777	12.61	.22	.05	4.45	.00 7.16
369 MISC PETROLEUM & COAL PRODUCTS IND.....	15,863	70.26	40.99	.20	15.49	.00 13.21
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	3,832,228	62.90	11.75	.61	21.69	.02 16.21
372 MFRS OF MIXED FERTILIZERS.....	69,782	7.41	.17	2.99	.90	.00 3.18
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	270,691	36.42	7.20	.23	12.70	.00 13.46

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1977

SIC MAJOR GP & IND GP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL- ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	388,552	10.67	.60	1.61	3.60	.00 4.71
375 PAINT & VARNISH MFRS.....	314,548	8.26	1.72	.83	1.73	.00 3.60
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	505,419	10.87	2.36	.15	4.49	.00 3.19
377 MFRS OF TOILET PREPARATIONS.....	158,071	7.13	1.53	.85	1.94	.00 2.82
378 MFRS OF INDUSTRIAL CHEMICALS.....	1,573,332	133.28	24.79	.28	46.47	.06 32.18
379 MISCELLANEOUS CHEMICAL IND.....	551,833	13.75	3.37	.98	3.63	.00 4.73
20 MISCELLANEOUS MANUFACTURING IND.....	1,516,070	9.45	1.28	.94	2.66	.00 4.39
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	587,036	7.79	1.81	.77	1.06	.00 4.05
392 JEWELLERY & SILVERWARE IND.....	269,771	4.26	.11	.22	1.51	.00 2.41
393 SPORTING GOODS & TOY IND.....	214,790	11.49	1.40	1.11	3.80	.00 5.14
397 SIGNS & DISPLAYS IND.....	86,766	13.83	.92	3.74	3.85	.00 5.02
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	357,707	13.78	1.30	.96	5.17	.00 5.83
ALL MANUFACTURING INDUSTRIES.....	55,600,071	23.57	3.54	.78	8.43	.45 8.99

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 2
DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1977

SIC MAJOR GP & IND GP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED						
	VALUE ADDED IN MFG (\$000'S)	TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY	
						(\$)	(\$)
101 1 FOOD & BEVERAGE IND.....	2,627,304	40.79	6.12	5.66	15.92	.02	12.32
101 MEAT & POULTRY PRODUCTS IND.....	377,656	42.74	7.99	6.66	13.34	.00	14.32
102 FISH PRODUCTS IND.....							
103 FRUIT & VEGETABLE PROCESSING IND.....	260,452	34.95	9.89	1.43	12.09	.17	10.86
104 DAIRY PRODUCTS IND.....	245,583	59.43	12.48	13.55	15.65	.00	17.06
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	118,916	35.29	2.71	.74	10.92	.00	20.81
106 FEED IND.....	108,438	53.49	10.29	11.67	13.09	.00	17.34
107 BAKERY PRODUCTS IND.....	231,903	38.67	3.95	10.88	13.79	.00	10.03
108 MISCELLANEOUS FOOD IND.....							
109 BEVERAGE IND.....	602,021	31.13	4.35	4.14	15.20	.00	7.31
2 TOBACCO PRODUCTS IND.....	205,300	12.62	1.53	1.39	2.54	.00	6.86
151 LEAF TOBACCO PROCESSORS.....	26,502	39.15	11.60	1.35	7.53	.00	16.78
153 TOBACCO PRODUCTS MFRS.....	178,798	8.69	.04	1.39	1.80	.00	5.39
3 RUBBER & PLASTICS PRODUCTS IND.....	812,581	43.13	5.14	.79	11.80	.00	23.17
162 RUBBER PRODUCTS IND.....	453,953	41.51	6.43	.25	13.20	.00	20.89
165 PLASTICS FABRICATING IND, N.E.S.....	358,628	45.17	3.50	1.48	10.03	.00	26.04
4 LEATHER IND.....	175,164	23.85	4.00	.62	8.69	.00	10.41
1172 LEATHER TANNERIES.....	33,817	71.22	15.47	.37	32.60	.00	22.12
1174 SHOE FACTORIES.....	104,813	11.55	1.28	.42	2.67	.00	7.17
1175 LEATHER GLOVE FACTORIES.....	3,332	11.15	.61	1.49	5.18	.00	3.73

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1977

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	33,201	15.69	1.22	1.39	3.69	.00	9.37
5 TEXTILE IND.....	633,019	53.03	8.29	1.10	19.56	.00	22.59
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	30,355	44.25	.74	.83	24.26	.00	18.42
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	208,205	98.26	20.75	.45	34.86	.00	42.01
184 CORDAGE & TWINE IND.....	4,946	32.87	5.18	.74	2.05	.00	24.90
185 FELT & FIBRE PROCESSING MILLS.....	13,973	59.38	10.97	2.62	21.35	.00	24.27
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	17,017	18.19	4.11	5.17	3.29	.00	5.52
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	161,581	14.75	1.59	.34	4.82	.00	6.91
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL			
6 KNITTING MILLS.....	89,361	29.45	5.53	.46	9.32	.00	12.93
231 HOSIERY MILLS.....	22,643	27.28	4.48	.30	6.83	.00	14.71
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	66,718	30.19	5.89	.51	10.17	.00	12.32
7 CLOTHING IND.....	321,697	7.89	1.09	.73	1.38	.00	4.52
243 MEN'S CLOTHING IND.....	165,097	8.07	1.55	.68	1.39	.00	4.19
244 WOMEN'S CLOTHING IND.....				CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL			
246 FUR GOODS IND.....	8,977	6.11	.16	1.72	.18	.00	4.05
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL			

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1977

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
CONFIDENTIAL						
249 MISCELLANEOUS CLOTHING IND.....						
8 WOOD IND.....	404,653	56.14	11.03	7.86	12.12	.00
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	136,493	68.98	21.26	11.35	7.57	.00
252 VENEER & PLYWOOD MILLS.....	27,298	63.74	6.59	6.08	20.95	.00
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	131,439	29.27	4.74	7.38	3.91	.00
256 WOODEN BOX FACTORIES.....	51,976	26.80	7.82	5.10	4.27	.00
258 COFFIN & CASKET IND.....	3,010	30.60	3.59	14.42	4.26	.60
259 MISCELLANEOUS WOOD IND.....	54,437	114.39	6.30	3.42	46.82	.00
9 FURNITURE & FIXTURE IND.....	382,221	20.59	2.46	1.89	6.64	.03
261 HOUSEHOLD FURNITURE MFRS.....	193,413	21.58	3.17	1.87	5.72	.05
264 OFFICE FURNITURE MFRS.....	70,761	22.82	1.76	.96	10.46	.00
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	108,482	17.92	1.76	2.62	6.15	.00
268 ELECTRIC LAMP & SHADE MFRS.....	9,565	14.27	1.26	.75	2.66	.00
10 PAPER & ALLIED IND.....	1,193,017	165.28	16.43	1.21	69.14	5.22
271 PULP & PAPER MILLS.....	681,778	266.06	27.14	.59	112.02	9.13
272 ASPHALT ROOFING MFRS.....	18,003	77.34	11.31	1.19	43.69	.00
273 PAPER BOX & BAG MFRS.....	254,302	30.36	2.14	3.00	10.20	.00
274 MISCELLANEOUS PAPER CONVERTERS.....	238,934	27.94	1.48	1.08	11.45	.00
11 PRINTING, PUBLISHING & ALLIED IND.....	1,146,893	10.72	.64	1.78	2.08	.00
286 COMMERCIAL PRINTING.....	498,354	14.08	.97	1.54	3.18	.00

TABLE 2 (CONT'D) DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1977

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	87,546	11.50	.73	3.14	1.97	.00
288 PUBLISHING ONLY.....	144,572	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	416,420	10.25	.44	2.41	1.50	.00
12 PRIMARY METAL IND.....	2,166,792	122.54	24.12	.62	44.08	2.67
291 IRON & STEEL MILLS.....	1,422,276	116.82	21.91	.48	44.53	.00
292 STEEL PIPE & TUBE MILLS.....	78,421	58.40	2.53	.63	29.58	.00
294 IRON FOUNDRIES.....	181,944	73.19	3.34	.67	18.47	.17
295 SMELTING & REFINING.....	229,494	278.04	76.10	.84	89.46	23.96
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	116,991	64.80	11.80	1.18	18.95	.00
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S....						
13 METAL FABRICATING IND.....	2,108,007	26.77	1.93	2.04	10.84	.00
301 BOILER & PLATE WORKS.....	141,187	14.71	2.41	.86	4.65	.00
302 FABRICATED STRUCTURAL METAL IND.....	186,515	22.31	2.73	5.19	5.48	.00
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	176,006	19.72	1.39	3.72	6.04	.00
304 METAL STAMPING, PRESSING & COATING IND.....	520,432	30.34	1.66	1.67	13.84	.00
305 WIRE & WIRE PRODUCTS MFRS.....	268,870	38.22	.87	.73	17.40	.00
306 HARDWARE, TOOL & CUTLERY MFRS.....	296,494	18.28	.93	1.54	6.09	.00
307 HEATING EQUIPMENT MFRS.....	67,519	23.34	.53	1.88	11.13	.00
308 MACHINE SHOPS.....	84,382	16.82	2.00	4.29	3.17	.01

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TABLE 2 (CONT'D) DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1977

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	386,603	32.83	3.75	1.69	14.24	.00
14 MACHINERY IND.....	1,266,834	20.34	1.55	1.45	7.57	.02
311 AGRICULTURAL IMPLEMENTS IND.....	216,722	36.09	3.09	1.15	17.46	.00
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	881,699	16.47	1.37	1.05	5.60	.04
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	59,992	16.71	.82	1.47	7.33	.00
318 OFFICE & STORE MACHINERY MFRS.....	108,421	22.33	.38	5.33	3.93	.00
15 TRANSPORTATION EQUIPMENT IND.....	3,735,631	25.38	2.94	1.21	7.05	.67
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	182,780	18.49	4.17	.61	3.75	.00
323 MOTOR VEHICLE MFRS.....	1,610,303	22.73	4.13	1.68	5.44	1.55
324 TRUCK BODY & TRAILER MFRS.....	94,125	20.45	1.73	3.10	7.13	.00
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,685,608	29.06	1.58	.70	8.96	.00
326 RAILROAD ROLLING STOCK IND.....	97,154	27.68	6.67	.61	8.39	.00
327 SHIPBUILDING & REPAIR.....	53,026	16.19	.84	2.08	3.60	.00
328 BOATBUILDING & REPAIR.....	11,139	30.50	5.24	4.76	8.54	.00
329 MISCELLANEOUS VEHICLE MFRS.....	1,495	20.41	.00	4.38	8.09	.00
16 ELECTRICAL PRODUCTS IND.....	1,678,438	18.70	1.33	.46	6.23	.01
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	102,444	21.31	.74	.58	9.93	.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	145,699	33.60	2.12	.03	16.00	.00
333 MFRS OF LIGHTING FIXTURES.....	32,513	14.56	.55	1.09	5.68	.00
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	71,918	6.34	.72	.02	1.52	.00

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1977

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	585,874	9.95	.79	.31	2.33	.00	6.48
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	483,733	17.34	1.55	.52	5.72	.00	9.34
338 MFRS OF ELECTRIC WIRE & CABLE.....	107,998	46.44	2.13	.33	12.21	.00	31.02
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	148,258	27.97	2.25	1.33	9.25	.10	14.38
17 NON-METALLIC MINERAL PRODUCTS IND.....	735,334	162.98	32.69	3.25	62.06	14.21	48.45
351 CLAY PRODUCTS MFRS.....	64,005	164.27	9.61	2.58	121.02	.00	30.46
352 CEMENT MFRS.....	92,882	398.24	81.30	.66	112.78	101.48	98.65
353 STONE PRODUCTS MFRS.....	5,358	19.40	2.77	5.42	3.10	.21	7.90
354 CONCRETE PRODUCTS MFRS.....	101,108	62.41	20.60	11.78	17.03	.00	10.84
355 READY MIX CONCRETE MFRS.....	82,153	67.71	44.35	6.95	6.07	.00	10.08
356 GLASS & GLASS PRODUCTS MFRS.....	200,535	112.37	.66	.41	78.92	.00	31.37
357 ABRASIVES MFRS.....	52,582	226.53	2.13	1.38	12.57	.00	210.26
358 LIME MFRS.....	19,314	532.02	308.37	1.44	125.90	46.84	49.47
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	117,398	133.28	33.49	1.62	53.29	.98	36.13
18 PETROLEUM & COAL PRODUCTS IND.....	455,069	74.18	2.65	.32	25.88	.00	41.17
365 PETROLEUM REFINERIES.....	449,677	72.59	1.24	.32	25.64	.00	41.20
369 MISC PETROLEUM & COAL PRODUCTS IND.....	5,393	206.67	120.58	.58	45.57	.00	38.87
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	1,623,821	148.44	27.73	1.45	51.20	.06	38.26
372 MFRS OF MIXED FERTILIZERS.....	17,846	28.98	.65	11.71	3.51	.00	12.43
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	76,644	128.62	25.44	.82	44.85	.00	47.53

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1977

SIC MAJOR GP & IND GP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	254,736	16.28	.92	2.46	5.50	.00	7.19
375 PAINT & VARNISH MFRS.....	142,108	18.28	3.80	1.83	3.83	.00	7.97
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	247,302	22.21	4.82	.31	9.18	.00	6.52
377 MFRS OF TOILET PREPARATIONS.....	102,649	10.98	2.35	1.30	2.98	.00	4.34
378 MFRS OF INDUSTRIAL CHEMICALS.....	540,512	387.97	72.16	.81	135.25	.17	93.67
379 MISCELLANEOUS CHEMICAL IND.....	242,023	31.36	7.68	2.22	8.28	.00	10.79
20 MISCELLANEOUS MANUFACTURING IND.....	793,602	18.05	2.45	1.79	5.07	.00	8.38
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	328,868	13.91	3.24	1.37	1.89	.00	7.23
392 JEWELLERY & SILVERWARE IND.....	96,369	11.92	.32	.63	4.22	.00	6.75
393 SPORTING GOODS & TOY IND.....	112,731	21.90	2.67	2.12	7.24	.00	9.79
397 SIGNS & DISPLAYS IND.....	52,319	22.94	1.52	6.20	6.38	.00	8.32
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	203,316	24.24	2.29	1.69	9.09	.00	10.25
ALL MANUFACTURING INDUSTRIES.....	22,554,733	58.11	8.73	1.92	20.78	1.12	22.15

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1977

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		EMPLOYEES		TOTAL		SHIPMENTS OF OWN MANUFACTURE	
	(%)		(%)		(%)		(%)		(%)		(%)		(%)		(%)	
1 FOOD & BEVERAGE IND.....	8.18		8.16		34.29		8.92		6.48		9.98		13.44			
101 MEAT & POULTRY PRODUCTS IND.....	1.23		1.53		5.81		1.08		1.08		1.81		3.04			
102 FISH PRODUCTS IND.....																
103 FRUIT & VEGETABLE PROCESSING IND.....	.69		1.31		.86		.67		.57		1.12		1.14			
104 DAIRY PRODUCTS IND.....	1.11		1.56		7.68		.82		.84		1.03		1.95			
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	.32		.16		.20		.28		.50		.35		.61			
106 FEED IND.....	.44		.57		2.92		.30		.38		.39		.85			
107 BAKERY PRODUCTS IND.....	.68		.47		5.82		.68		.47		1.56		.82			
108 MISCELLANEOUS FOOD IND.....																
109 BEVERAGE IND.....	1.43		1.33		5.75		1.95		.88		1.52		1.79			
2 TOBACCO PRODUCTS IND.....	.20		.16		.66		.11		.28		.37		.94			
151 LEAF TOBACCO PROCESSORS.....	.08		.16		.08		.04		.09		.09		.40			
153 TOBACCO PRODUCTS MFRS.....	.12		.00		.57		.07		.19		.28		.53			
3 RUBBER & PLASTICS PRODUCTS IND.....	2.67		2.12		1.49		2.05		3.77		4.21		2.96			
162 RUBBER PRODUCTS IND.....	1.44		1.48		.26		1.28		1.90		2.14		1.55			
165 PLASTICS FABRICATING IND, N.E.S.....	1.24		.64		1.22		.77		1.87		2.07		1.41			
4 LEATHER IND.....	.32		.36		.25		.32		.36		1.41		.66			
172 LEATHER TANNERIES.....	.18		.27		.03		.24		.15		.21		.17			
174 SHOE FACTORIES.....	.09		.07		.10		.06		.15		.89		.36			
175 LEATHER GLOVE FACTORIES.....	.00		.00		.01		.00		.00		.03		.01			

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1977
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL OF OWN EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.		.04	.02	.11	.03	.06	.28	.11						
5 TEXTILE IND.....	2.56		2.67	1.60	2.64	2.86	3.49	2.50						
181 COTTON YARN & CLOTH MILLS.....		.10	.01	.06	.16	.11	.19	.09						
182 WOOL YARN & CLOTH MILLS.....		1.56	2.19	.22	1.55	1.75	1.04	.86						
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....		.01	.01	.01	.00	.02	.04	.02						
184 CORDAGE & TWINE IND.....		.06	.08	.08	.06	.07	.10	.06						
185 FELT & FIBRE PROCESSING MILLS.....														
186 CARPET, MAT & RUG IND.....														
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	.02		.04	.20	.01	.02	.15	.07						
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	.18		.13	.13	.17	.22	.76	.62						
189 MISCELLANEOUS TEXTILE IND.....														
6 KNITTING MILLS.....	.20		.25	.09	.18	.23	.79	.33						
231 HOSIERY MILLS.....	.05		.05	.02	.03	.07	.20	.08						
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	.15		.20	.08	.14	.16	.59	.25						
7 CLOTHING IND.....	.19		.18	.54	.09	.29	2.69	1.10						
243 MEN'S CLOTHING IND.....	.10		.13	.26	.05	.14	1.41	.56						
244 WOMEN'S CLOTHING IND.....														
245 CHILDREN'S CLOTHING IND.....														
246 FUR GOODS IND.....	.00		.00	.04	.00	.01	.05	.04						
248 FOUNDATION GARMENT IND.....														

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1977
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
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249 MISCELLANEOUS CLOTHING IND.....	1.73	2.27	7.34	1.05	1.80	2.38	1.56	
8 WOOD IND.....								
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	.72	1.47	3.57	.22	.74	.74	.52	
252 VENEER & PLYWOOD MILLS.....	.13	.09	.38	.12	.16	.23	.11	
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	.29	.32	2.24	.11	.33	.81	.53	
256 WOODEN BOX FACTORIES.....	.11	.21	.61	.05	.08	.27	.18	
258 COFFIN & CASKET IND.....	.01	.01	.10	.00	.00	.03	.01	
259 MISCELLANEOUS WOOD IND.....	.48	.17	.43	.54	.47	.31	.22	
9 FURNITURE & FIXTURE IND.....	.60	.48	1.66	.54	.71	2.54	1.34	
261 HOUSEHOLD FURNITURE MFRS.....	.32	.31	.83	.24	.40	1.45	.70	
264 OFFICE FURNITURE MFRS.....	.12	.06	.16	.16	.13	.37	.23	
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	.15	.10	.66	.14	.16	.65	.38	
268 ELECTRIC LAMP & SHADE MFRS.....	.01	.01	.02	.01	.02	.07	.03	
10 PAPER & ALLIED IND.....	15.04	9.96	3.34	17.60	16.83	5.16	5.08	
271 PULP & PAPER MILLS.....	13.84	9.40	.93	16.29	15.41	2.56	2.88	
272 ASPHALT ROOFING MFRS.....	.11	.10	.05	.17	.08	.05	.08	
273 PAPER BOX & BAG MFRS.....	.59	.28	1.76	.55	.71	1.38	1.17	
274 MISCELLANEOUS PAPER CONVERTERS.....	.51	.18	.59	.58	.63	1.16	.95	
11 PRINTING, PUBLISHING & ALLIED IND.....	.94	.37	4.72	.51	1.33	5.61	3.14	
286 COMMERCIAL PRINTING.....	.54	.25	1.77	.34	.76	2.70	1.49	

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1977
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND		.08	.03	.64		.04		.09		.45		.21		
288 PUBLISHING ONLY.....		.00	.00	.00		.00		.00		.00		.00		
289 PUBLISHING & PRINTING.....		.33	.09	2.31		.13		.48		1.82		1.02		
12 PRIMARY METAL IND.....		20.26	26.55	3.12		20.38		20.44		8.53		8.90		
291 IRON & STEEL MILLS.....		12.68	15.83	1.56		13.51		12.89		4.85		5.68		
292 STEEL PIPE & TUBE MILLS.....		.35	.10	.11		.49		.39		.34		.44		
294 IRON FOUNDRIES.....		1.02	.31	.28		.72		1.59		.85		.62		
295 SMELTING & REFINING.....		4.87	8.87	.45		4.38		4.01		1.26		.68		
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....		.58	.70	.32		.47		.74		.53		.62		
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.														
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...														
13 METAL FABRICATING IND.....	4.31	2.06	9.93		4.87		4.76		10.12		7.98			
301 BOILER & PLATE WORKS.....	.16	.17	.28		.14		.19		.68		.64			
302 FABRICATED STRUCTURAL METAL IND.....	.28	.23	1.99		.19		.27		.72		.56			
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	.26	.12	1.51		.23		.29		.83		.66			
304 METAL STAMPING, PRESSING & COATING IND.....	1.20	.44	2.00		1.54		1.29		2.34		2.26			
305 WIRE & WIRE PRODUCTS MFRS.....	.78	.12	.45		1.00		.94		1.31		1.13			
306 HARDWARE, TOOL & CUTLERY MFRS.....	.41	.14	1.05		.39		.56		1.50		.84			
307 HEATING EQUIPMENT MFRS.....	.12	.02	.29		.16		.12		.34		.24			
308 MACHINE SHOPS.....	.11	.09	.84		.06		.12		.49		.23			

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TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1977
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
309 MISCELLANEOUS METAL FABRICATING IND.....		.97	.74	1.51	1.17	.98	1.91	1.42						
14 MACHINERY IND.....	1.97		1.00	4.24	2.05	2.37	6.41	5.08						
311 AGRICULTURAL IMPLEMENTS IND.....	.60		.34	.58	.81	.59	1.27	1.02						
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	1.11		.61	2.13	1.05	1.42	4.15	3.21						
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	.08		.02	.20	.09	.08	.31	.27						
318 OFFICE & STORE MACHINERY MFRS.....	.18		.02	1.33	.09	.28	.69	.58						
15 TRANSPORTATION EQUIPMENT IND.....	7.23		5.58	10.42	5.62	9.33	13.41	22.36						
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	.26		.39	.26	.15	.36	1.00	.50						
323 MOTOR VEHICLE MFRS.....	2.79		3.38	6.24	1.87	3.15	5.30	14.03						
324 TRUCK BODY & TRAILER MFRS.....	.15		.08	.67	.14	.16	.55	.44						
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	3.74		1.35	2.72	3.22	5.31	5.74	6.72						
326 RAILROAD ROLLING STOCK IND.....	.21		.33	.14	.17	.22	.46	.46						
327 SHIPBUILDING & REPAIR.....	.07		.02	.25	.04	.09	.25	.13						
328 BOATBUILDING & REPAIR.....	.03		.03	.12	.02	.03	.11	.06						
329 MISCELLANEOUS VEHICLE MFRS.....	.00		.00	.02	.00	.00	.01	.00						
16 ELECTRICAL PRODUCTS IND.....	2.39		1.13	1.77	2.23	3.50	8.77	5.84						
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	.17		.04	.14	.22	.21	.57	.42						
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)....	.37		.16	.01	.50	.43	.90	.73						
333 MFRS OF LIGHTING FIXTURES.....	.04		.01	.08	.04	.05	.16	.13						
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	.03		.03	.00	.02	.06	.34	.28						

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1977
(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
335 COMMUNICATIONS EQUIPMENT MFRS.....		.44	.23	.42	.29	.76	2.72	1.68						
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....		.64	.38	.59	.59	.90	2.57	1.45						
338 MFRS OF ELECTRIC WIRE & CABLE.....		.38	.12	.08	.28	.67	.59	.65						
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...		.32	.17	.45	.29	.43	.90	.51						
17 NON-METALLIC MINERAL PRODUCTS IND.....	9.14	12.21	5.51	9.74	7.13	3.03	2.48							
351 CLAY PRODUCTS MFRS.....	.80	.31	.38	1.65	.39	.31	.18							
352 CEMENT MFRS.....	2.82	3.84	.14	2.23	1.83	.15	.27							
353 STONE PRODUCTS MFRS.....	.01	.01	.07	.00	.01	.02	.01							
354 CONCRETE PRODUCTS MFRS.....	.48	1.06	2.75	.37	.22	.50	.32							
355 READY MIX CONCRETE MFRS.....	.42	1.85	1.32	.11	.17	.30	.39							
356 GLASS & GLASS PRODUCTS MFRS.....	1.72	.07	.19	3.38	1.26	.87	.62							
357 ABRASIVES MFRS.....	.91	.06	.17	.14	2.21	.24	.21							
358 LIME MFRS.....	.78	3.03	.06	.52	.19	.04	.06							
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1.19	2.00	.44	1.33	.85	.58	.41							
18 PETROLEUM & COAL PRODUCTS IND.....	2.58	.61	.34	2.51	3.75	1.16	4.68							
365 PETROLEUM REFINERIES.....	2.49	.28	.33	2.46	3.71	1.14	4.66							
369 MISC PETROLEUM & COAL PRODUCTS IND.....	.09	.33	.01	.05	.04	.01	.03							
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	18.39	22.88	5.42	17.74	12.44	5.42	6.89							
372 MFRS OF MIXED FERTILIZERS.....	.04	.01	.48	.01	.04	.07	.13							
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	.75	.99	.15	.73	.73	.32	.49							

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY DOLLAR VALUE) & SELECTED STATISTICS - ONTARIO 1977

(CONT'D)

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....		.32	.12	1.45	.30		.37		.87				.70	
375 PAINT & VARNISH MFRS.....		.20	.27	.60	.12		.23		.54				.57	
376 MFRS OF SOAP & CLEANING COMPOUNDS.....		.42	.61	.18	.48		.32		.65				.91	
377 MFRS OF TOILET PREPARATIONS.....		.09	.12	.31	.07		.09		.39				.28	
378 MFRS OF INDUSTRIAL CHEMICALS.....	16.00	19.82	1.01	15.60	10.13		.92		2.83				.99	
379 MISCELLANEOUS CHEMICAL IND.....	.58	.94	1.24	.43			.52						2.73	
20 MISCELLANEOUS MANUFACTURING IND.....	1.09	.99	3.27	.86	1.33		.48		4.50				1.06	
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	.35	.54	1.04	.13			.13		.54				.49	
392 JEWELLERY & SILVERWARE IND.....	.09	.02	.14	.09	.13		.22		.67				.39	
393 SPORTING GOODS & TOY IND.....	.19	.15	.55	.17			.09		.38				.16	
397 SIGNS & DISPLAYS IND.....	.09	.04	.75	.07			.42		1.15				.64	
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	.38	.24	.79	.39					100.00				100.00	
ALL MANUFACTURING INDUSTRIES.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 4

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1977

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
1 FOOD & BEVERAGE IND.....	84,191	1,272.87	190.84	176.52	496.72	.72
101 MEAT & POULTRY PRODUCTS IND.....	15,223	1,060.20	198.34	165.28	331.02	.00
102 FISH PRODUCTS IND.....						
103 FRUIT & VEGETABLE PROCESSING IND.....	9,440	964.40	272.74	39.52	333.58	4.64
104 DAIRY PRODUCTS IND.....	8,693	1,678.96	352.43	382.75	442.12	.00
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	2,960	1,417.66	108.71	29.73	438.82	.00
106 FEED IND.....	3,316	1,749.36	336.65	381.59	428.16	.00
107 BAKERY PRODUCTS IND.....	13,122	683.39	69.80	192.33	243.68	.00
108 MISCELLANEOUS FOOD IND.....						
109 BEVERAGE IND.....	12,797	1,464.38	204.71	194.73	714.99	.00
2 TOBACCO PRODUCTS IND.....	3,103	835.28	101.44	91.68	167.99	.00
151 LEAF TOBACCO PROCESSORS.....	780	1,330.05	394.04	45.99	255.98	.00
153 TOBACCO PRODUCTS MFRS.....	2,323	669.15	3.20	107.02	138.45	.00
3 RUBBER & PLASTICS PRODUCTS IND.....	35,523	986.48	117.60	18.13	269.90	.06
162 RUBBER PRODUCTS IND.....	18,075	1,042.57	161.60	6.35	331.49	.11
165 PLASTICS FABRICATING IND, N.E.S.....	17,448	928.38	72.02	30.34	206.09	.00
4 LEATHER IND.....	11,906	350.82	58.79	9.08	127.81	.00
172 LEATHER TANNERIES.....	1,813	1,328.45	288.58	6.96	608.01	.00
174 SHOE FACTORIES.....	7,512	161.09	17.89	5.91	37.21	.00
175 LEATHER GLOVE FACTORIES.....	252	147.50	8.02	19.72	68.47	.00

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	2,329	223.74	17.33	19.80	52.61	.00
5 TEXTILE IND.....	29,466	1,139.21	178.19	23.60	420.28	.00
181 COTTON YARN & CLOTH MILLS.....						
182 WOOL YARN & CLOTH MILLS.....	1,582	849.12	14.13	15.99	465.59	.00
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	8,742	2,340.28	494.10	10.78	830.18	.00
184 CORDAGE & TWINE IND.....	311	522.65	82.40	11.78	32.57	.00
185 FELT & FIBRE PROCESSING MILLS.....	862	962.52	177.89	42.44	346.02	.00
186 CARPET, MAT & RUG IND.....						
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	1,277	242.41	54.83	68.91	43.88	.00
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	6,445	369.84	39.75	8.52	120.88	.00
189 MISCELLANEOUS TEXTILE IND.....						
6 KNITTING MILLS.....	6,686	393.65	73.93	6.10	124.58	.00
231 HOSIERY MILLS.....	1,723	358.44	58.82	3.96	89.77	.00
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	4,963	405.87	79.17	6.85	136.67	.00
7 CLOTHING IND.....	22,710	111.78	15.39	10.37	19.48	.00
243 MEN'S CLOTHING IND.....	11,853	112.43	21.63	9.46	19.31	.00
244 WOMEN'S CLOTHING IND.....						
245 CHILDREN'S CLOTHING IND.....						
246 FUR GOODS IND.....	462	118.75	3.09	33.42	3.54	.00
248 FOUNDATION GARMENT IND.....						

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TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1977

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL		
8 WOOD IND.....	20,110	1,129.57	221.98	158.10	243.81	.09
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	6,221	1,513.55	466.36	248.95	166.16	.00
252 VENEER & PLYWOOD MILLS.....	1,965	885.54	91.53	84.50	291.09	.00
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	6,819	564.21	91.31	142.25	75.34	.00
256 WOODEN BOX FACTORIES.....	2,284	609.88	177.87	115.99	97.22	.00
258 COFFIN & CASKET IND.....	220	418.63	49.14	197.29	58.26	8.18
259 MISCELLANEOUS WOOD IND.....	2,601	2,394.21	131.95	71.64	979.90	.00
9 FURNITURE & FIXTURE IND.....	21,402	367.74	43.96	33.69	118.64	.48
261 HOUSEHOLD FURNITURE MFRS.....	12,252	340.74	50.11	29.53	90.26	.84
264 OFFICE FURNITURE MFRS.....	3,120	517.59	39.83	21.73	237.29	.00
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	5,456	356.36	34.93	52.09	122.34	.00
268 ELECTRIC LAMP & SHADE MFRS.....	574	237.81	20.92	12.52	44.41	.00
10 PAPER & ALLIED IND.....						
271 PULP & PAPER MILLS.....	43,488	4,534.27	450.78	33.24	1,896.80	143.19
272 ASPHALT ROOFING MFRS.....	21,604	8,396.43	856.36	18.65	3,535.10	288.24
273 PAPER BOX & BAG MFRS.....	397	3,507.00	512.99	53.88	1,981.27	.00
274 MISCELLANEOUS PAPER CONVERTERS.....	11,671	661.58	46.69	65.41	222.26	.00
11 PRINTING, PUBLISHING & ALLIED IND.....						
286 COMMERCIAL PRINTING.....	9,816	680.18	36.06	26.26	278.62	.00
	47,305	259.82	15.45	43.26	50.32	.00
	22,793	307.86	21.21	33.72	69.52	.00
						166.71

TABLE 4 (CONT'D) DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1977

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	3,795	265.23	16.88	72.52	45.54	.00	123.28
288 PUBLISHING ONLY.....	5,389	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	15,328	278.39	11.95	65.41	40.66	.00	155.72
12 PRIMARY METAL IND.....	71,936	3,691.06	726.52	18.80	1,327.81	80.28	1,419.23
291 IRON & STEEL MILLS.....	40,914	4,060.99	761.52	16.58	1,547.86	.00	1,574.34
292 STEEL PIPE & TUBE MILLS.....	2,828	1,619.56	70.05	17.51	820.36	.00	694.34
294 IRON FOUNDRIES.....	7,130	1,867.57	85.27	17.12	471.23	4.33	1,111.14
295 SMELTING & REFINING.....	10,641	5,996.42	1,641.25	18.16	1,929.30	516.74	1,880.41
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	4,494	1,686.93	307.20	30.65	493.34	.00	819.97
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...							
13 METAL FABRICATING IND.....	85,362	661.13	47.60	50.40	267.59	.01	278.57
301 BOILER & PLATE WORKS.....	5,743	361.65	59.24	21.03	114.23	.00	163.20
302 FABRICATED STRUCTURAL METAL IND.....	6,101	608.88	74.38	141.66	149.57	.00	225.04
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	6,968	498.20	35.11	94.01	152.49	.00	205.43
304 METAL STAMPING, PRESSING & COATING IND.....	19,749	799.49	43.63	43.93	364.65	.00	326.78
305 WIRE & WIRE PRODUCTS MFRS.....	11,017	932.87	21.23	17.76	424.57	.00	424.60
306 HARDWARE, TOOL & CUTLERY MFRS.....	12,675	427.60	21.65	36.07	142.51	.00	220.45
307 HEATING EQUIPMENT MFRS.....	2,900	543.50	12.42	43.78	259.07	.00	215.21
308 MACHINE SHOPS.....	4,127	343.81	40.81	87.79	64.80	.13	147.91

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1977

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED						
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY	
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
309 MISCELLANEOUS METAL FABRICATING IND.....	16,082	789.13	90.19	40.58	342.43	.01	303.27	
14 MACHINERY IND.....	54,085	476.35	36.30	33.99	177.27	.57	219.32	
311 AGRICULTURAL IMPLEMENTS IND.....	10,674	732.80	62.75	23.38	354.44	.00	277.19	
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	35,029	414.45	34.36	26.36	140.99	.88	203.05	
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	2,602	385.18	18.83	33.81	169.05	.00	158.99	
318 OFFICE & STORE MACHINERY MFRS.....	5,780	418.90	7.07	99.93	73.65	.00	238.26	
15 TRANSPORTATION EQUIPMENT IND.....	113,092	838.34	97.15	39.93	232.97	22.11	412.00	
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	8,473	398.83	89.93	13.21	80.89	.00	214.56	
323 MOTOR VEHICLE MFRS.....	44,679	819.30	148.95	60.54	196.20	55.96	352.21	
324 TRUCK BODY & TRAILER MFRS.....	4,605	418.09	35.31	63.34	145.77	.00	168.92	
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	48,369	1,012.69	54.91	24.36	312.42	.00	548.62	
326 RAILROAD ROLLING STOCK IND.....	3,854	697.70	168.16	15.35	211.47	.00	288.85	
327 SHIPBUILDING & REPAIR.....	2,089	410.85	21.29	52.73	91.30	.00	226.79	
328 BOATBUILDING & REPAIR.....	960	353.88	60.79	55.18	99.06	.00	131.73	
329 MISCELLANEOUS VEHICLE MFRS.....	63	484.44	.00	104.06	191.94	.00	188.44	
16 ELECTRICAL PRODUCTS IND.....	73,979	424.26	30.15	10.39	141.42	.19	236.59	
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	4,842	450.86	15.58	12.31	210.09	.00	211.79	
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	7,618	642.66	40.59	.58	305.98	.00	283.64	
333 MFRS OF LIGHTING FIXTURES.....	1,382	342.60	13.01	25.72	133.72	.00	169.65	
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	2,903	157.00	17.76	.57	37.59	.00	96.60	

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	22,970	253.85	20.08	7.87	59.40	.00	165.33
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	21,665	387.06	34.71	11.71	127.63	.00	208.65
338 MFRS OF ELECTRIC WIRE & CABLE.....	4,979	1,007.32	46.23	7.22	264.90	.00	672.93
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	7,620	544.12	43.71	25.85	179.99	1.86	279.87
17 NON-METALLIC MINERAL PRODUCTS IND.....	25,531	4,694.21	941.56	93.60	1,787.38	409.19	1,395.31
351 CLAY PRODUCTS MFRS.....	2,656	3,958.73	231.67	62.28	2,916.30	.00	734.13
352 CEMENT MFRS.....	1,279	28,920.55	5,904.34	47.91	8,190.49	7,369.86	7,164.04
353 STONE PRODUCTS MFRS.....	184	565.00	80.59	157.93	90.36	6.22	229.89
354 CONCRETE PRODUCTS MFRS.....	4,248	1,485.36	490.19	280.42	405.41	.00	257.94
355 READY MIX CONCRETE MFRS.....	2,554	2,178.10	1,426.68	223.40	195.31	.00	324.20
356 GLASS & GLASS PRODUCTS MFRS.....	7,299	3,087.29	18.04	11.14	2,168.14	.00	862.00
357 ABRASIVES MFRS.....	2,062	5,776.67	54.29	35.30	320.63	.00	5,361.62
358 LIME MFRS.....	349	29,442.22	17,065.46	79.48	6,967.49	2,592.04	2,737.75
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	4,900	3,193.17	802.37	38.87	1,276.85	23.49	865.74
18 PETROLEUM & COAL PRODUCTS IND.....	9,745	3,464.08	123.92	14.90	1,208.34	.00	1,922.53
365 PETROLEUM REFINERIES.....	9,641	3,385.85	57.82	14.74	1,195.88	.00	1,921.52
369 MISC PETROLEUM & COAL PRODUCTS IND.....	104	10,716.38	6,252.13	30.27	2,363.01	.00	2,015.43
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	45,718	5,272.16	985.00	51.34	1,818.39	2.06	1,358.86
372 MFRS OF MIXED FERTILIZERS.....	614	842.41	18.86	340.29	101.94	.00	361.30
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	2,681	3,676.96	727.35	23.57	1,282.18	.00	1,358.82

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1977

SIC MAJOR GP & IND GP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	7,378	562.08	31.62	84.93	189.85	.00 248.19
375 PAINT & VARNISH MFRS.....	4,512	575.83	119.76	57.67	120.67	.00 250.90
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	5,448	1,008.38	218.64	14.15	416.87	.00 295.84
377 MFRS OF TOILET PREPARATIONS.....	3,301	341.31	73.09	40.49	92.73	.00 135.00
378 MFRS OF INDUSTRIAL CHEMICALS.....	14,042	14,933.86	2,777.79	31.27	5,206.21	6.70 3,605.41
379 MISCELLANEOUS CHEMICAL IND.....	7,742	980.42	240.08	69.51	258.98	.00 337.37
20 MISCELLANEOUS MANUFACTURING IND.....	37,990	377.00	51.12	37.35	105.96	.00 175.07
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	14,819	308.79	71.86	30.46	41.92	.00 160.37
392 JEWELLERY & SILVERWARE IND.....	4,572	251.25	6.71	13.19	88.87	.00 142.25
393 SPORTING GOODS & TOY IND.....	5,691	433.74	52.94	42.06	143.34	.00 193.99
397 SIGNS & DISPLAYS IND.....	3,244	369.97	24.52	100.07	102.87	.00 134.16
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	9,664	510.03	48.19	35.52	191.25	.00 215.72
ALL MANUFACTURING INDUSTRIES.....	843,328	1,554.14	233.39	51.39	555.83	29.84 592.40

NOTE 1 FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 5 COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1977

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	LIQUID PETROLEUM		NATURAL GAS		COAL ELECTRICITY (%)
			GASOLINE (%)	GAS (%)	GAS (%)	(%)	
1 FOOD & BEVERAGE IND.....	107,164	14.99	13.87	.62	39.02	.06	30.20
101 MEAT & POULTRY PRODUCTS IND.....	16,139	18.71	15.59	.32	31.22	.00	33.52
102 FISH PRODUCTS IND.....							
103 FRUIT & VEGETABLE PROCESSING IND.....	9,104	28.28	4.10	1.48	34.59	.48	31.07
104 DAIRY PRODUCTS IND.....	14,595	20.99	22.80	1.17	26.33	.00	28.71
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	4,196	7.67	2.10	.30	30.95	.00	58.98
106 FEED IND.....	5,801	19.24	21.81	1.52	24.48	.00	32.42
107 BAKERY PRODUCTS IND.....	8,967	10.21	28.14	.04	35.66	.00	25.95
108 MISCELLANEOUS FOOD IND.....							
109 BEVERAGE IND.....	18,740	13.98	13.30	.42	48.83	.00	23.48
2 TOBACCO PRODUCTS IND.....	2,592	12.14	10.98	1.92	20.11	.00	54.34
151 LEAF TOBACCO PROCESSORS.....	1,037	29.63	3.46	4.80	19.25	.00	42.87
153 TOBACCO PRODUCTS MFRS.....	1,554	.48	15.99	.00	20.69	.00	61.98
3 RUBBER & PLASTICS PRODUCTS IND.....	35,043	11.92	1.84	.63	27.36	.01	53.72
162 RUBBER PRODUCTS IND.....	18,845	15.50	.61	.78	31.80	.01	50.33
165 PLASTICS FABRICATING IND., N.E.S.....	16,198	7.76	3.27	.45	22.20	.00	57.66
4 LEATHER IND.....	4,177	16.76	2.59	.57	36.43	.00	43.65
172 LEATHER TANNERIES.....	2,408	21.72	.52	.93	45.77	.00	31.05
174 SHOE FACTORIES.....	1,210	11.11	3.67	.00	23.10	.00	62.12
175 LEATHER GLOVE FACTORIES.....	37	5.43	13.37	1.29	46.42	.00	33.48

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1977

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)							
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM		NATURAL GAS		COAL (%)	ELECTRICITY (%)
				GAS (%)	GAS (%)	GAS (%)	GAS (%)		
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	521	7.75	8.85	.17	23.51	.00	59.72		
5 TEXTILE IND.....	33,568	15.64	2.07	.36	36.89	.00	42.61		
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL					
182 WOOL YARN & CLOTH MILLS.....	1,343	1.66	1.88	.00	54.83	.00	41.62		
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	20,459	21.11	.46	.19	35.47	.00	42.75		
184 CORDAGE & TWINE IND.....	163	15.77	2.25	.00	6.23	.00	75.75		
185 FELT & FIBRE PROCESSING MILLS.....	830	18.48	4.41	.29	35.95	.00	40.87		
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL					
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	310	22.62	28.42	.50	18.10	.00	30.36		
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	2,384	10.75	2.30	.98	32.68	.00	46.86		
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL					
6 KNITTING MILLS.....	2,632	18.78	1.55	.07	31.65	.00	43.90		
231 HOSIERY MILLS.....	618	16.41	1.10	.00	25.04	.00	53.93		
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	2,014	19.51	1.69	.09	33.67	.00	40.82		
7 CLOTHING IND.....	2,539	13.77	9.27	.05	17.43	.00	57.23		
243 MEN'S CLOTHING IND.....	1,333	19.24	8.41	.00	17.18	.00	51.97		
244 WOMEN'S CLOTHING IND.....				CONFIDENTIAL					
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL					
246 FUR GOODS IND.....	55	2.60	28.15	.00	2.98	.00	66.27		
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL					

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1977

	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL	GASOLINE	LIQUID PETROLEUM		NATURAL GAS	COAL
		(%)	(%)	(%)	(%)	(%)	(%)
SIC MAJOR GP & IND GP							
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL			
8 WOOD IND.....	22,716	19.65	14.00	1.98	21.58	.01	39.50
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	9,416	30.81	16.45	.30	10.98	.00	39.28
252 VENEER & PLYWOOD MILLS.....	1,740	10.34	9.54	.58	32.87	.00	45.75
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	3,847	16.18	25.21	1.15	13.35	.00	43.46
256 WOODEN BOX FACTORIES.....	1,393	29.16	19.02	6.06	15.94	.00	29.82
258 COFFIN & CASKET IND.....	92	11.74	47.13	.25	13.92	1.95	25.02
259 MISCELLANEOUS WOOD IND.....	6,227	5.51	2.99	4.53	40.93	.00	38.01
9 FURNITURE & FIXTURE IND.....	7,870	11.95	9.16	.85	32.26	.13	45.26
261 HOUSEHOLD FURNITURE MFRS.....	4,175	14.71	8.67	.81	26.49	.25	48.36
264 OFFICE FURNITURE MFRS.....	1,615	7.70	4.20	1.82	45.85	.00	40.44
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	1,944	9.80	14.62	.18	34.33	.00	41.07
268 ELECTRIC LAMP & SHADE MFRS.....	137	8.80	5.26	.00	18.67	.00	67.27
10 PAPER & ALLIED IND.....	197,187	9.94	.73	.33	41.83	3.16	42.65
271 PULP & PAPER MILLS.....	181,396	10.20	.22	.23	42.10	3.43	42.45
272 ASPHALT ROOFING MFRS.....	1,392	14.63	1.54	.00	56.49	.00	27.34
273 PAPER BOX & BAG MFRS.....	7,721	7.06	9.89	2.10	33.60	.00	46.14
274 MISCELLANEOUS PAPER CONVERTERS.....	6,677	5.30	3.86	.88	40.96	.00	47.13
11 PRINTING, PUBLISHING & ALLIED IND.....	12,291	5.95	16.65	.10	19.37	.00	54.14
286 COMMERCIAL PRINTING.....	7,017	6.89	10.95	.17	22.58	.00	54.15

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1977

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	1,007	6.37	27.34	.00	17.17	.00	46.48
288 PUBLISHING ONLY.....	0	.00	.00	.00	.00	.00	.00
289 PUBLISHING & PRINTING.....	4,267	4.29	23.50	.00	14.61	.00	55.94
12 PRIMARY METAL IND.....	265,520	19.68	.51	.33	35.97	2.17	38.45
291 IRON & STEEL MILLS.....	166,151	18.75	.41	.06	38.12	.00	38.77
292 STEEL PIPE & TUBE MILLS.....	4,580	4.33	1.08	1.07	50.65	.00	42.87
294 IRON FOUNDRIES.....	13,316	4.57	.92	.91	25.23	.23	59.50
295 SMELTING & REFINING.....	63,808	27.37	.30	.17	32.17	8.62	31.36
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	7,581	18.21	1.82	2.12	29.24	.00	48.61
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S....							
13 METAL FABRICATING IND.....	56,435	7.20	7.62	1.78	40.47	.00	42.13
301 BOILER & PLATE WORKS.....	2,077	16.38	5.82	1.09	31.58	.00	45.13
302 FABRICATED STRUCTURAL METAL IND.....	3,715	12.22	23.26	3.00	24.56	.00	36.96
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	3,471	7.05	18.87	2.24	30.61	.00	41.23
304 METAL STAMPING, PRESSING & COATING IND.....	15,789	5.46	5.49	1.65	45.61	.00	40.87
305 WIRE & WIRE PRODUCTS MFRS.....	10,277	2.28	1.90	2.88	45.51	.00	45.52
306 HARDWARE, TOOL & CUTLERY MFRS.....	5,420	5.06	8.44	.84	33.33	.00	51.55
307 HEATING EQUIPMENT MFRS.....	1,576	2.29	8.06	2.40	47.67	.00	38.60
308 MACHINE SHOPS.....	1,419	11.87	25.53	.69	18.85	.04	43.02

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1977

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL	LIQUID PETROLEUM		NATURAL GAS		COAL ELECTRICITY
		(%)	GASOLINE	(%)	(%)	(%)	
309 MISCELLANEOUS METAL FABRICATING IND.....	12,691	11.43	5.14	1.11	43.39	.00	38.43
14 MACHINERY IND.....	25,763	7.62	7.14	1.61	37.21	.12	46.04
311 AGRICULTURAL IMPLEMENTS IND.....	7,822	8.56	3.19	2.05	48.37	.00	37.83
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	14,518	8.29	6.36	1.67	34.02	.21	48.99
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS....	1,002	4.89	8.78	1.16	43.89	.00	41.28
318 OFFICE & STORE MACHINERY MFRS.....	2,421	1.69	23.86	.00	17.58	.00	56.88
15 TRANSPORTATION EQUIPMENT IND.....	94,810	11.59	4.76	.99	27.79	2.64	49.14
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	3,379	22.55	3.31	.06	20.28	.00	53.80
323 MOTOR VEHICLE MFRS.....	36,605	18.18	7.39	.59	23.95	6.83	42.99
324 TRUCK BODY & TRAILER MFRS.....	1,925	8.45	15.15	1.14	34.87	.00	40.40
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	48,983	5.42	2.41	1.33	30.85	.00	54.17
326 RAILROAD ROLLING STOCK IND.....	2,689	24.10	2.20	.32	30.31	.00	41.40
327 SHIPBUILDING & REPAIR.....	858	5.18	12.83	4.56	22.22	.00	55.20
328 BOATBUILDING & REPAIR.....	340	17.18	15.59	.50	27.99	.00	37.23
329 MISCELLANEOUS VEHICLE MFRS.....	31	.00	21.48	.00	39.62	.00	38.90
16 ELECTRICAL PRODUCTS IND.....	31,386	7.11	2.45	.76	33.33	.05	55.76
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	2,183	3.46	2.73	.24	46.60	.00	46.98
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	4,896	6.32	.09	1.07	47.61	.00	44.14
333 MFRS OF LIGHTING FIXTURES.....	473	3.80	7.51	.15	39.03	.00	49.52
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	456	11.31	.36	.12	23.94	.00	61.53

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1977

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS		NATURAL GAS (%)	COAL ELECTRICITY (%)
				(%)	(%)		
335 COMMUNICATIONS EQUIPMENT MFRS.....	5,831	7.91	3.10	.10		23.40	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	8,386	8.97	3.03	.90		32.97	.00
338 MFRS OF ELECTRIC WIRE & CABLE.....	5,015	4.59	.72	1.14		26.30	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	4,146	8.03	4.75	1.04		33.08	.34
17 NON-METALLIC MINERAL PRODUCTS IND.....	119,848	20.06	1.99	.48		38.08	8.72
351 CLAY PRODUCTS MFRS.....	10,514	5.85	1.57	.36		73.67	.00
352 CEMENT MFRS.....	36,989	20.42	.17	.04		28.32	25.48
353 STONE PRODUCTS MFRS.....	104	14.26	27.95	.00		15.99	1.10
354 CONCRETE PRODUCTS MFRS.....	6,310	33.00	18.88	3.46		27.29	.00
355 READY MIX CONCRETE MFRS.....	5,563	65.50	10.26	.39		8.97	.00
356 GLASS & GLASS PRODUCTS MFRS.....	22,534	.58	.36	.75		70.23	.00
357 ABRASIVES MFRS.....	11,911	.94	.61	.08		5.55	.00
358 LIME MFRS.....	10,275	57.96	.27	.00		23.66	8.80
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	15,647	25.13	1.22	.67		39.99	.74
18 PETROLEUM & COAL PRODUCTS IND.....	33,757	3.58	.43	.02		34.88	.00
365 PETROLEUM REFINERIES.....	32,643	1.71	.44	.00		35.32	.00
369 MISC PETROLEUM & COAL PRODUCTS IND.....	1,115	58.34	.28	.52		22.05	.00
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	241,032	18.68	.97	6.25		34.49	.04
372 MFRS OF MIXED FERTILIZERS.....	517	2.24	40.40	2.38		12.10	.00
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	9,858	19.78	.64	.27		34.87	.00

TABLE 5 (CONT'D) COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1977

SIC MAJOR GP & IND GP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (\$)	GASOLINE (\$)	LIQUID PETROLEUM		NATURAL GAS (\$)	COAL ELECTRICITY (\$)
				(%)	(%)		
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	4,147	5.63	15.11	.01	33.78	.00	44.16
375 PAINT & VARNISH MFRS.....	2,598	20.80	10.02	.70	20.96	.00	43.57
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	5,494	21.68	1.40	.76	41.34	.00	29.34
377 MFRS OF TOILET PREPARATIONS.....	1,127	21.41	11.86	.00	27.17	.00	39.55
378 MFRS OF INDUSTRIAL CHEMICALS.....	209,701	18.60	.21	7.10	34.86	.04	24.14
379 MISCELLANEOUS CHEMICAL IND.....	7,590	24.49	7.09	.93	26.42	.00	34.41
20 MISCELLANEOUS MANUFACTURING IND.....	14,322	13.56	9.91	.52	28.11	.00	46.44
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	4,576	23.27	9.86	.54	13.58	.00	51.94
392 JEWELLERY & SILVERWARE IND.....	1,149	2.67	5.25	.09	35.37	.00	56.62
393 SPORTING GOODS & TOY IND.....	2,468	12.21	9.70	.32	33.05	.00	44.73
397 SIGNS & DISPLAYS IND.....	1,200	6.63	27.05	2.26	27.81	.00	36.26
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	4,929	9.45	6.96	.29	37.50	.00	42.30
ALL MANUFACTURING INDUSTRIES.....	1,310,652	15.02	3.31	1.64	35.76	1.92	38.12

NOTE 1: FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 6 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
1 FOOD & BEVERAGE IND.....	38,448	16,067	.42	457	5	15
101 MEAT & POULTRY PRODUCTS IND.....	7,287	3,019	.41	479	4	19
102 FISH PRODUCTS IND.....			CONFIDENTIAL			
103 FRUIT & VEGETABLE PROCESSING IND.....	7,412	2,575	.35	785	12	28
104 DAIRY PRODUCTS IND.....	6,677	3,064	.46	768	6	27
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	556	322	.58	188	2	5
106 FEED IND.....	2,178	1,116	.51	657	5	20
107 BAKERY PRODUCTS IND.....	1,546	916	.59	118	3	7
108 MISCELLANEOUS FOOD IND.....			CONFIDENTIAL			
109 BEVERAGE IND.....	6,412	2,620	.41	501	6	11
2 TOBACCO PRODUCTS IND.....	992	315	.32	320	2	5
151 LEAF TOBACCO PROCESSORS.....	982	307	.31	1,259	4	37
153 TOBACCO PRODUCTS MFRS.....	10	7	.72	4	0	0
3 RUBBER & PLASTICS PRODUCTS IND.....	12,604	4,177	.33	355	8	16
162 RUBBER PRODUCTS IND.....	9,426	2,921	.31	521	11	21
165 PLASTICS FABRICATING IND, N.E.S.....	3,179	1,257	.40	182	4	9
4 LEATHER IND.....	1,922	700	.36	161	5	11
172 LEATHER TANNERIES.....	1,577	523	.33	870	17	47
174 SHOE FACTORIES.....	234	134	.57	31	1	2
175 LEATHER GLOVE FACTORIES.....	4	2	.45	18	1	1

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS VALUE	ADDED
					(GAL)	(GAL)
5 TEXTILE IND.....	107	40	.38	46	2	3
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	17,612	5,251	.30	598	13	28
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	52	22	.43	33	1	2
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	15,028	4,319	.29	1,719	31	72
184 CORDAGE & TWINE IND.....	72	26	.36	231	7	15
185 FELT & FIBRE PROCESSING MILLS.....	396	153	.39	459	12	28
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	145	70	.48	114	4	9
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	622	256	.41	97	2	4
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	1,350	494	.37	202	7	15
231 HOSIERY MILLS.....	244	101	.42	142	6	11
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	1,106	393	.36	223	8	17
7 CLOTHING IND.....	833	350	.42	37	1	3
243 MEN'S CLOTHING IND.....	631	256	.41	53	2	4
244 WOMEN'S CLOTHING IND.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	3	1	.49	6	0	0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	7,887	4,464	.57	392	9	19
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	4,799	2,901	.60	771	17	35
252 VENEER & PLYWOOD MILLS.....	419	180	.43	213	7	15
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	1,168	623	.53	171	4	9
256 WOODEN BOX FACTORIES.....	831	406	.49	364	8	16
258 COFFIN & CASKET IND.....	21	11	.51	96	4	7
259 MISCELLANEOUS WOOD IND.....	649	343	.53	249	5	12
9 FURNITURE & FIXTURE IND.....	2,069	941	.45	97	3	5
261 HOUSEHOLD FURNITURE MFRS.....	1,357	614	.45	111	3	7
264 OFFICE FURNITURE MFRS.....	286	124	.44	92	2	4
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	399	191	.48	73	2	4
268 ELECTRIC LAMP & SHADE MFRS.....	27	12	.45	47	2	3
10 PAPER & ALLIED IND.....	58,863	19,603	.33	1,354	21	49
271 PULP & PAPER MILLS.....	55,940	18,501	.33	2,589	35	82
272 ASPHALT ROOFING MFRS.....	700	204	.29	1,763	16	39
273 PAPER BOX & BAG MFRS.....	1,267	545	.43	109	2	5
274 MISCELLANEOUS PAPER CONVERTERS.....	956	354	.37	97	2	4
11 PRINTING, PUBLISHING & ALLIED IND.....	1,682	731	.43	36	1	1
286 COMMERCIAL PRINTING.....	1,124	484	.43	49	1	2

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF		
					SHIPMENTS (GAL)	VALUE ADDED (GAL)	
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	126	64	.51	33	1	1	
288 PUBLISHING ONLY.....	0	0	.00	0	0	0	
289 PUBLISHING & PRINTING.....	431	183	.42	28	1	1	
12 PRIMARY METAL IND.....	168,415	52,263	.31	2,341	34	78	
291 IRON & STEEL MILLS.....	100,082	31,157	.31	2,446	32	70	
292 STEEL PIPE & TUBE MILLS.....	672	198	.29	238	3	9	
294 IRON FOUNDRIES.....	1,485	608	.41	208	4	8	
295 SMELTING & REFINING.....	58,851	17,465	.30	5,531	157	256	
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	3,842	1,381	.36	855	11	33	
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....							
13 METAL FABRICATING IND.....	9,188	4,063	.44	108	2	4	
301 BOILER & PLATE WORKS.....	710	340	.48	124	2	5	
302 FABRICATED STRUCTURAL METAL IND.....	691	454	.66	113	2	4	
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	384	245	.64	55	1	2	
304 METAL STAMPING, PRESSING & COATING IND.....	1,825	862	.47	92	1	4	
305 WIRE & WIRE PRODUCTS MFRS.....	533	234	.44	48	1	2	
306 HARDWARE, TOOL & CUTLERY MFRS.....	651	274	.42	51	1	2	
307 HEATING EQUIPMENT MFRS.....	74	36	.49	26	1	1	
308 MACHINE SHOPS.....	351	168	.48	85	3	4	

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF		
					SHIPMENTS	VALUE ADDED	
				(GAL)	(GAL)	(GAL)	
309 MISCELLANEOUS METAL FABRICATING IND.....	3,970	1,450	.37	247	5	10	
14 MACHINERY IND.....	5,346	1,963	.37	99	2	4	
311 AGRICULTURAL IMPLEMENTS IND.....	1,888	670	.35	177	3	9	
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	3,257	1,204	.37	93	2	4	
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	120	49	.41	46	1	2	
318 OFFICE & STORE MACHINERY MFRS.....	81	41	.50	14	0	1	
15 TRANSPORTATION EQUIPMENT IND.....	34,432	10,986	.32	304	3	9	
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	2,517	762	.30	297	9	14	
323 MOTOR VEHICLE MFRS.....	22,783	6,655	.29	510	3	14	
324 TRUCK BODY & TRAILER MFRS.....	288	163	.56	63	1	3	
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	6,616	2,656	.40	137	2	4	
326 RAILROAD ROLLING STOCK IND.....	2,033	648	.32	528	8	21	
327 SHIPBUILDING & REPAIR.....	81	44	.55	39	1	2	
328 BOATBUILDING & REPAIR.....	113	58	.52	117	3	10	
329 MISCELLANEOUS VEHICLE MFRS.....	0	0	.00	0	0	0	
16 ELECTRICAL PRODUCTS IND.....	5,948	2,231	.38	80	2	4	
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	189	75	.40	39	1	2	
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	884	309	.35	116	2	6	
333 MFRS OF LIGHTING FIXTURES.....	48	18	.37	35	1	1	
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	121	52	.43	42	1	2	

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)	
335 COMMUNICATIONS EQUIPMENT MFRS.....	1,091	461	.42	47	1	2	
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	2,119	752	.35	98	3	4	
338 MFRS OF ELECTRIC WIRE & CABLE.....	589	230	.39	118	2	5	
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	908	333	.37	119	3	6	
17 NON-METALLIC MINERAL PRODUCTS IND.....	66,568	24,039	.36	2,607	48	91	
351 CLAY PRODUCTS MFRS.....	1,205	615	.51	454	12	19	
352 CEMENT MFRS.....	25,177	7,552	.30	19,685	169	271	
353 STONE PRODUCTS MFRS.....	28	15	.52	154	4	5	
354 CONCRETE PRODUCTS MFRS.....	3,855	2,082	.54	907	21	38	
355 READY MIX CONCRETE MFRS.....	5,997	3,644	.61	2,348	28	73	
356 GLASS & GLASS PRODUCTS MFRS.....	265	132	.50	36	1	1	
357 ABRASIVES MFRS.....	286	112	.39	139	2	5	
358 LIME MFRS.....	18,802	5,956	.32	53,874	572	974	
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	10,953	3,932	.36	2,235	48	93	
18 PETROLEUM & COAL PRODUCTS IND.....	3,367	1,208	.36	346	1	7	
365 PETROLEUM REFINERIES.....	1,747	557	.32	181	1	4	
369 MISC PETROLEUM & COAL PRODUCTS IND.....	1,620	650	.40	15,574	102	300	
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	151,901	45,032	.30	3,323	40	94	
372 MFRS OF MIXED FERTILIZERS.....	19	12	.60	31	0	1	
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	6,027	1,950	.32	2,240	22	79	

TABLE 6 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	FUEL OIL USED			QUANTITY OF FUEL OIL USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF		
					SHIPMENTS (GAL)	VALUE ADDED (GAL)	
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	628	233	.37	85	2	2	
375 PAINT & VARNISH MFRS.....	1,640	540	.33	363	5	12	
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	4,507	1,191	.26	827	9	18	
377 MFRS OF TOILET PREPARATIONS.....	621	241	.39	188	4	6	
378 MFRS OF INDUSTRIAL CHEMICALS.....	133,270	39,006	.29	9,491	85	247	
379 MISCELLANEOUS CHEMICAL IND.....	5,189	1,859	.36	670	9	21	
20 MISCELLANEOUS MANUFACTURING IND.....	5,554	1,942	.35	146	4	7	
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	3,464	1,065	.31	234	6	11	
392 JEWELLERY & SILVERWARE IND.....	55	31	.56	12	0	1	
393 SPORTING GOODS & TOY IND.....	666	301	.45	117	3	6	
397 SIGNS & DISPLAYS IND.....	158	80	.50	49	2	3	
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	1,212	466	.38	125	3	6	
ALL MANUFACTURING INDUSTRIES.....	594,982	196,821	.33	706	11	26	

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 7 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
1 FOOD & BEVERAGE IND.....	19,433	14,861	.76	231	3	7
101 MEAT & POULTRY PRODUCTS IND.....	3,217	2,516	.78	211	2	9
102 FISH PRODUCTS IND.....			CONFIDENTIAL			
103 FRUIT & VEGETABLE PROCESSING IND.....	493	373	.76	52	1	2
104 DAIRY PRODUCTS IND.....	4,509	3,327	.74	519	4	18
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	110	88	.80	37	0	1
106 FEED IND.....	1,598	1,265	.79	482	3	15
107 BAKERY PRODUCTS IND.....	3,271	2,524	.77	249	7	14
108 MISCELLANEOUS FOOD IND.....			CONFIDENTIAL			
109 BEVERAGE IND.....	3,355	2,492	.74	262	3	6
2 TOBACCO PRODUCTS IND.....	322	284	.88	104	1	2
151 LEAF TOBACCO PROCESSORS.....	43	36	.83	55	0	2
153 TOBACCO PRODUCTS MFRS.....	278	249	.89	120	1	2
3 RUBBER & PLASTICS PRODUCTS IND.....	768	644	.84	22	0	1
162 RUBBER PRODUCTS IND.....	152	115	.76	8	0	0
165 PLASTICS FABRICATING IND, N.E.S.....	617	529	.86	35	1	2
4 LEATHER IND.....	129	108	.84	11	0	1
172 LEATHER TANNERIES.....	16	13	.77	9	0	0
174 SHOE FACTORIES.....	54	44	.83	7	0	1
175 LEATHER GLOVE FACTORIES.....	6	5	.86	23	1	2

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1

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS (GAL)	VALUE ADDED (GAL)
5 TEXTILE IND.....	54	46	.86	23	1	2
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	847	695	.82	29	1	1
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	28	25	.90	18	1	1
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	112	94	.84	13	0	1
184 CORDAGE & TWINE IND.....	4	4	.85	14	0	1
185 FELT & FIBRE PROCESSING MILLS.....	46	37	.80	53	1	3
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	104	88	.84	82	3	6
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	65	55	.84	10	0	0
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	51	41	.80	8	0	1
231 HOSIERY MILLS.....	9	7	.78	5	0	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	43	34	.80	9	0	1
7 CLOTHING IND.....	271	235	.87	12	0	1
243 MEN'S CLOTHING IND.....	128	112	.88	11	0	1
244 WOMEN'S CLOTHING IND.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	17	15	.89	37	1	2
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	3,857	3,179	.82	192	4	10
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	1,900	1,549	.82	305	7	14
252 VENEER & PLYWOOD MILLS.....	198	166	.84	101	3	7
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	1,140	970	.85	167	4	9
256 WOODEN BOX FACTORIES.....	336	265	.79	147	3	6
258 COFFIN & CASKET IND.....	51	43	.84	233	10	17
259 MISCELLANEOUS WOOD IND.....	232	186	.80	89	2	4
9 FURNITURE & FIXTURE IND.....	824	721	.87	38	1	2
261 HOUSEHOLD FURNITURE MFRS.....	413	362	.88	34	1	2
264 OFFICE FURNITURE MFRS.....	81	68	.84	26	1	1
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	322	284	.88	59	2	3
268 ELECTRIC LAMP & SHADE MFRS.....	9	7	.79	16	1	1
10 PAPER & ALLIED IND.....	1,803	1,445	.80	41	1	2
271 PULP & PAPER MILLS.....	560	403	.72	26	0	1
272 ASPHALT ROOFING MFRS.....	27	21	.80	67	1	1
273 PAPER BOX & BAG MFRS.....	914	763	.84	78	1	4
274 MISCELLANEOUS PAPER CONVERTERS.....	303	258	.85	31	1	1
11 PRINTING, PUBLISHING & ALLIED IND.....	2,517	2,046	.81	53	1	2
286 COMMERCIAL PRINTING.....	873	769	.88	38	1	2

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED	
					(GAL)	(GAL)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	316	275	.87	83	3	4
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	1,329	1,003	.75	87	2	3
12 PRIMARY METAL IND.....	1,935	1,352	.70	27	0	1
291 IRON & STEEL MILLS.....	1,078	678	.63	26	0	1
292 STEEL PIPE & TUBE MILLS.....	61	50	.81	22	0	1
294 IRON FOUNDRIES.....	156	122	.78	22	0	1
295 SMELTING & REFINING.....	241	193	.80	23	1	1
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	184	138	.75	41	1	2
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING..			CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL			
13 METAL FABRICATING IND.....	5,075	4,302	.85	59	1	2
301 BOILER & PLATE WORKS.....	140	121	.86	24	0	1
302 FABRICATED STRUCTURAL METAL IND.....	980	864	.88	161	3	6
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	750	655	.87	108	2	4
304 METAL STAMPING, PRESSING & COATING IND.....	1,062	868	.82	54	1	2
305 WIRE & WIRE PRODUCTS MFRS.....	243	196	.81	22	0	1
306 HARDWARE, TOOL & CUTLERY MFRS.....	531	457	.86	42	1	2
307 HEATING EQUIPMENT MFRS.....	145	127	.88	50	1	2
308 MACHINE SHOPS.....	443	362	.82	107	3	5

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)	
309 MISCELLANEOUS METAL FABRICATING IND.....	781	653	.84	49	1	2	
14 MACHINERY IND.....	2,154	1,838	.85	40	1	2	
311 AGRICULTURAL IMPLEMENTS IND.....	311	250	.80	29	1	1	
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	1,091	923	.85	31	1	1	
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	101	88	.87	39	1	2	
318 OFFICE & STORE MACHINERY MFRS.....	652	578	.89	113	2	6	
15 TRANSPORTATION EQUIPMENT IND.....	7,044	4,515	.64	62	1	2	
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	119	112	.94	14	0	1	
323 MOTOR VEHICLE MFRS.....	4,479	2,705	.60	100	1	3	
324 TRUCK BODY & TRAILER MFRS.....	343	292	.85	75	1	4	
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,807	1,178	.65	37	0	1	
326 RAILROAD ROLLING STOCK IND.....	83	59	.71	22	0	1	
327 SHIPBUILDING & REPAIR.....	142	110	.78	68	2	3	
328 BOATBUILDING & REPAIR.....	63	53	.83	66	2	6	
329 MISCELLANEOUS VEHICLE MFRS.....	8	7	.85	122	3	5	
16 ELECTRICAL PRODUCTS IND.....	898	769	.86	12	0	1	
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	69	60	.87	14	0	1	
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	5	4	.82	1	0	0	
333 MFRS OF LIGHTING FIXTURES.....	44	36	.80	32	1	1	
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	2	2	.88	1	0	0	

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)	
335 COMMUNICATIONS EQUIPMENT MFRS.....	208	181	.87	9	0	0	
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	296	254	.86	14	0	1	
338 MFRS OF ELECTRIC WIRE & CABLE.....	48	36	.75	10	0	0	
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	226	197	.87	30	1	2	
17 NON-METALLIC MINERAL PRODUCTS IND.....	3,231	2,390	.74	127	2	4	
351 CLAY PRODUCTS MFRS.....	205	165	.81	77	2	3	
352 CEMENT MFRS.....	84	61	.73	66	1	1	
353 STONE PRODUCTS MFRS.....	34	29	.85	185	5	6	
354 CONCRETE PRODUCTS MFRS.....	1,609	1,191	.74	379	9	16	
355 READY MIX CONCRETE MFRS.....	751	571	.76	294	3	9	
356 GLASS & GLASS PRODUCTS MFRS.....	112	81	.72	15	0	1	
357 ABRASIVES MFRS.....	98	73	.74	48	1	2	
358 LIME MFRS.....	50	28	.55	143	2	3	
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	288	190	.66	59	1	2	
18 PETROLEUM & COAL PRODUCTS IND.....	187	145	.77	19	0	0	
365 PETROLEUM REFINERIES.....	184	142	.77	19	0	0	
369 MISC PETROLEUM & COAL PRODUCTS IND.....	4	3	.85	36	0	1	
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	2,841	2,347	.83	62	1	2	
372 MFRS OF MIXED FERTILIZERS.....	269	209	.78	439	4	15	
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	78	63	.81	29	0	1	

TABLE 7 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	GASOLINE USED			QUANTITY OF GASOLINE USED PER		
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	SHIPMENTS	VALUE ADDED
				(GAL)	(GAL)	(GAL)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	745	627	.84	101	2	3
375 PAINT & VARNISH MFRS.....	304	260	.85	67	1	2
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	94	77	.82	17	0	0
377 MFRS OF TOILET PREPARATIONS.....	148	134	.90	45	1	1
378 MFRS OF INDUSTRIAL CHEMICALS.....	569	439	.77	41	0	1
379 MISCELLANEOUS CHEMICAL IND.....	632	538	.85	82	1	3
20 MISCELLANEOUS MANUFACTURING IND.....	1,685	1,419	.84	44	1	2
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	542	451	.83	37	1	2
392 JEWELLERY & SILVERWARE IND.....	71	60	.85	15	0	1
393 SPORTING GOODS & TOY IND.....	284	239	.84	50	1	3
397 SIGNS & DISPLAYS IND.....	377	325	.86	116	4	7
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	411	343	.83	43	1	2
ALL MANUFACTURING INDUSTRIES.....	55,873	43,340	.78	66	1	2

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS USED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF VALUE ADDED (MCF)
1 FOOD & BEVERAGE IND.....	24,581	41,820	1.70	292	3	9
101 MEAT & POULTRY PRODUCTS IND.....	2,928	5,039	1.72	192	2	8
102 FISH PRODUCTS IND.....			CONFIDENTIAL			
103 FRUIT & VEGETABLE PROCESSING IND.....	1,806	3,149	1.74	191	3	7
104 DAIRY PRODUCTS IND.....	2,151	3,843	1.79	247	2	9
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	738	1,299	1.76	249	2	6
106 FEED IND.....	852	1,420	1.67	257	2	8
107 BAKERY PRODUCTS IND.....	1,779	3,198	1.80	136	4	8
108 MISCELLANEOUS FOOD IND.....			CONFIDENTIAL			
109 BEVERAGE IND.....	5,372	9,150	1.70	420	5	9
2 TOBACCO PRODUCTS IND.....	282	521	1.85	91	1	1
151 LEAF TOBACCO PROCESSORS.....	109	200	1.83	140	0	4
153 TOBACCO PRODUCTS MFRS.....	172	322	1.87	74	1	1
3 RUBBER & PLASTICS PRODUCTS IND.....	6,005	9,588	1.60	169	4	7
162 RUBBER PRODUCTS IND.....	4,123	5,992	1.45	228	5	9
165 PLASTICS FABRICATING IND, N.E.S.....	1,882	3,596	1.91	108	2	5
4 LEATHER IND.....	797	1,522	1.91	67	2	5
172 LEATHER TANNERIES.....	571	1,102	1.93	315	6	17
174 SHOE FACTORIES.....	155	280	1.81	21	1	1
175 LEATHER GLOVE FACTORIES.....	8	17	2.11	33	1	2

TABLE B (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS USED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)
5 TEXTILE IND.....	63	123	1.95	27	1	2
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	7,246	12,384	1.71	246	5	11
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	417	737	1.77	263	8	14
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	4,433	7,257	1.64	507	9	21
184 CORDAGE & TWINE IND.....	5	10	1.94	17	1	1
185 FELT & FIBRE PROCESSING MILLS.....	152	298	1.96	176	5	11
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	31	56	1.83	24	1	2
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	375	779	2.08	58	1	2
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	453	833	1.84	68	2	5
231 HOSIERY MILLS.....	88	155	1.76	51	2	4
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	366	678	1.85	74	3	5
7 CLOTHING IND.....	249	442	1.78	11	0	1
243 MEN'S CLOTHING IND.....	127	229	1.80	11	0	1
244 WOMEN'S CLOTHING IND.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	1	2	1.30	3	0	0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS USED PER			
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF VALUE ADDED (MCF)	
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL			
8 WOOD IND.....	3,065	4,903	1.60	152	4	8	
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	651	1,034	1.59	105	2	5	
252 VENEER & PLYWOOD MILLS.....	342	572	1.67	174	6	13	
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	326	514	1.58	48	1	2	
256 WOODEN BOX FACTORIES.....	130	222	1.71	57	1	2	
258 COFFIN & CASKET IND.....	6	13	2.18	27	1	2	
259 MISCELLANEOUS WOOD IND.....	1,610	2,549	1.58	619	13	30	
9 FURNITURE & FIXTURE IND.....	1,434	2,539	1.77	67	2	4	
261 HOUSEHOLD FURNITURE MFRS.....	637	1,106	1.74	52	2	3	
264 OFFICE FURNITURE MFRS.....	416	740	1.78	133	3	6	
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	366	668	1.82	67	2	3	
268 ELECTRIC LAMP & SHADE MFRS.....	15	25	1.65	27	1	2	
10 PAPER & ALLIED IND.....	50,326	82,488	1.64	1,157	18	42	
271 PULP & PAPER MILLS.....	47,047	76,372	1.62	2,178	29	69	
272 ASPHALT ROOFING MFRS.....	354	787	2.22	892	8	20	
273 PAPER BOX & BAG MFRS.....	1,433	2,594	1.81	123	2	6	
274 MISCELLANEOUS PAPER CONVERTERS.....	1,492	2,735	1.83	152	3	6	
11 PRINTING, PUBLISHING & ALLIED IND.....	1,245	2,381	1.91	26	1	1	
286 COMMERCIAL PRINTING.....	844	1,584	1.88	37	1	2	

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS USED PER			
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)	
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	85	173	2.03	22	1	1	
288 PUBLISHING ONLY.....	0	0	.00	0	0	0	
289 PUBLISHING & PRINTING.....	316	623	1.97	21	1	1	
12 PRIMARY METAL IND.....	56,487	95,517	1.69	785	11	26	
291 IRON & STEEL MILLS.....	37,560	63,329	1.69	918	12	26	
292 STEEL PIPE & TUBE MILLS.....	1,351	2,320	1.72	478	6	17	
294 IRON FOUNDRIES.....	1,683	3,360	2.00	236	5	9	
295 SMELTING & REFINING.....	12,548	20,530	1.64	1,179	33	55	
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	1,186	2,217	1.87	264	3	10	
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....							
13 METAL FABRICATING IND.....	12,673	22,842	1.80	148	3	6	
301 BOILER & PLATE WORKS.....	374	656	1.75	65	1	3	
302 FABRICATED STRUCTURAL METAL IND.....	462	913	1.97	76	1	3	
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	589	1,063	1.81	84	2	3	
304 METAL STAMPING, PRESSING & COATING IND.....	3,973	7,201	1.81	201	3	8	
305 WIRE & WIRE PRODUCTS MFRS.....	2,715	4,677	1.72	246	4	10	
306 HARDWARE, TOOL & CUTLERY MFRS.....	905	1,806	2.00	71	2	3	
307 HEATING EQUIPMENT MFRS.....	396	751	1.90	137	3	6	
308 MACHINE SHOPS.....	138	267	1.94	33	1	2	

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TABLE B (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS USED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
309 MISCELLANEOUS METAL FABRICATING IND.....	3,122	5,507	1.76	194	4	8
14 MACHINERY IND.....	5,261	9,588	1.82	97	2	4
311 AGRICULTURAL IMPLEMENTS IND.....	2,127	3,783	1.78	199	4	10
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	2,679	4,939	1.84	76	1	3
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	225	440	1.96	86	1	4
318 OFFICE & STORE MACHINERY MFRS.....	230	426	1.85	40	1	2
15 TRANSPORTATION EQUIPMENT IND.....	14,257	26,347	1.85	126	1	4
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	379	685	1.81	45	1	2
323 MOTOR VEHICLE MFRS.....	4,709	8,766	1.86	105	1	3
324 TRUCK BODY & TRAILER MFRS.....	353	671	1.90	77	1	4
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	8,189	15,111	1.85	169	2	5
326 RAILROAD ROLLING STOCK IND.....	468	815	1.74	121	2	5
327 SHIPBUILDING & REPAIR.....	100	191	1.91	48	1	2
328 BOATBUILDING & REPAIR.....	52	95	1.81	55	1	5
329 MISCELLANEOUS VEHICLE MFRS.....	6	12	2.08	92	2	4
16 ELECTRICAL PRODUCTS IND.....	5,747	10,462	1.82	78	2	3
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	519	1,017	1.96	107	2	5
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	1,347	2,331	1.73	177	3	9
333 MFRS OF LIGHTING FIXTURES.....	92	185	2.01	67	1	3
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	53	109	2.05	18	0	1

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS USED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)
335 COMMUNICATIONS EQUIPMENT MFRS.....	758	1,364	1.80	33	1	1
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,534	2,765	1.80	71	2	3
338 MFRS OF ELECTRIC WIRE & CABLE.....	731	1,319	1.80	147	2	7
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	713	1,372	1.92	94	3	5
17 NON-METALLIC MINERAL PRODUCTS IND.....	26,315	45,634	1.73	1,031	19	36
351 CLAY PRODUCTS MFRS.....	4,318	7,746	1.79	1,626	44	67
352 CEMENT MFRS.....	6,646	10,476	1.58	5,196	45	72
353 STONE PRODUCTS MFRS.....	10	17	1.70	53	1	2
354 CONCRETE PRODUCTS MFRS.....	985	1,722	1.75	232	5	10
355 READY MIX CONCRETE MFRS.....	304	499	1.64	119	1	4
356 GLASS & GLASS PRODUCTS MFRS.....	9,150	15,825	1.73	1,254	26	46
357 ABRASIVES MFRS.....	335	661	1.97	163	3	6
358 LIME MFRS.....	1,380	2,432	1.76	3,953	42	71
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	3,187	6,257	1.96	650	14	27
18 PETROLEUM & COAL PRODUCTS IND.....	6,397	11,775	1.84	656	2	14
365 PETROLEUM REFINERIES.....	6,266	11,530	1.84	650	2	14
369 MISC PETROLEUM & COAL PRODUCTS IND.....	131	246	1.87	1,264	8	24
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	51,829	83,133	1.60	1,134	14	32
372 MFRS OF MIXED FERTILIZERS.....	32	63	1.98	51	0	2
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	2,120	3,438	1.62	791	8	28

TABLE 8 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	NATURAL GAS USED			QUANTITY OF NATURAL GAS USED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	776	1,401	1.81	105	2	3
375 PAINT & VARNISH MFRS.....	285	544	1.91	63	1	2
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	1,334	2,271	1.70	245	3	5
377 MFRS OF TOILET PREPARATIONS.....	159	306	1.92	48	1	2
378 MFRS OF INDUSTRIAL CHEMICALS.....	45,959	73,106	1.59	3,273	29	85
379 MISCELLANEOUS CHEMICAL IND.....	1,164	2,005	1.72	150	2	5
20 MISCELLANEOUS MANUFACTURING IND.....	2,185	4,025	1.84	58	1	3
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	325	621	1.91	22	1	1
392 JEWELLERY & SILVERWARE IND.....	212	406	1.91	46	1	2
393 SPORTING GOODS & TOY IND.....	441	816	1.85	78	2	4
397 SIGNS & DISPLAYS IND.....	165	334	2.02	51	2	3
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	1,042	1,848	1.77	108	3	5
ALL MANUFACTURING INDUSTRIES.....	276,836	468,743	1.69	328	5	12

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 9 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
1 FOOD & BEVERAGE IND.....	1,298	666	.51	15	0	0
101 MEAT & POULTRY PRODUCTS IND.....	101	52	.51	7	0	0
102 FISH PRODUCTS IND.....			CONFIDENTIAL			
103 FRUIT & VEGETABLE PROCESSING IND.....	261	135	.52	28	0	1
104 DAIRY PRODUCTS IND.....	363	171	.47	42	0	1
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	24	13	.54	8	0	0
106 FEED IND.....	176	88	.50	53	0	2
107 BAKERY PRODUCTS IND.....	8	3	.45	1	0	0
108 MISCELLANEOUS FOOD IND.....			CONFIDENTIAL			
109 BEVERAGE IND.....	123	79	.64	10	0	0
2 TOBACCO PRODUCTS IND.....	89	50	.56	29	0	0
151 LEAF TOBACCO PROCESSORS.....	89	50	.56	114	0	3
153 TOBACCO PRODUCTS MFRS.....	0	0	.00	0	0	0
3 RUBBER & PLASTICS PRODUCTS IND.....	465	219	.47	13	0	1
162 RUBBER PRODUCTS IND.....	323	147	.45	18	0	1
165 PLASTICS FABRICATING IND, N.E.S.....	142	72	.51	8	0	0
4 LEATHER IND.....	50	24	.47	4	0	0
172 LEATHER TANNERIES.....	47	22	.48	26	0	1
174 SHOE FACTORIES.....	0	0	.00	0	0	0
175 LEATHER GLOVE FACTORIES.....	1	0	.47	4	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
5 TEXTILE IND.....	2	1	.45	1	0	0
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	240	120	.50	8	0	0
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	0	0	.00	0	0	0
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	77	39	.50	9	0	0
184 CORDAGE & TWINE IND.....	0	0	.00	0	0	0
185 FELT & FIBRE PROCESSING MILLS.....	7	2	.36	8	0	0
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	4	2	.42	3	0	0
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	46	23	.51	7	0	0
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	3	2	.56	0	0	0
231 HOSIERY MILLS.....	0	0	.00	0	0	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	3	2	.56	1	0	0
7 CLOTHING IND.....	3	1	.47	0	0	0
243 MEN'S CLOTHING IND.....	0	0	.46	0	0	0
244 WOMEN'S CLOTHING IND.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	0	0	.00	0	0	0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
249 MISCELLANEOUS CLOTHING IND.....						
8 WOOD IND.....	833	450	.54	41	1	2
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	48	29	.60	8	0	0
252 VENEER & PLYWOOD MILLS.....	18	10	.56	9	0	1
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	96	44	.46	14	0	1
256 WOODEN BOX FACTORIES.....	165	84	.51	72	2	3
258 COFFIN & CASKET IND.....	0	0	.55	2	0	0
259 MISCELLANEOUS WOOD IND.....	505	282	.56	194	4	9
9 FURNITURE & FIXTURE IND.....	144	67	.47	7	0	0
261 HOUSEHOLD FURNITURE MFRS.....	73	34	.46	6	0	0
264 OFFICE FURNITURE MFRS.....	63	29	.46	20	0	1
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	7	4	.50	1	0	0
268 ELECTRIC LAMP & SHADE MFRS.....	0	0	.00	0	0	0
10 PAPER & ALLIED IND.....	1,174	644	.55	27	0	1
271 PULP & PAPER MILLS.....	776	423	.54	36	0	1
272 ASPHALT ROOFING MFRS.....	0	0	.00	0	0	0
273 PAPER BOX & BAG MFRS.....	289	162	.56	25	0	1
274 MISCELLANEOUS PAPER CONVERTERS.....	109	59	.54	11	0	0
11 PRINTING, PUBLISHING & ALLIED IND.....	22	12	.56	0	0	0
286 COMMERCIAL PRINTING.....	22	12	.56	1	0	0

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TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	0	0	.00	0	0	0
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING & PRINTING.....	0	0	.00	0	0	0
12 PRIMARY METAL IND.....	1,801	869	.48	25	0	1
291 IRON & STEEL MILLS.....	244	104	.43	6	0	0
292 STEEL PIPE & TUBE MILLS.....	79	49	.62	28	0	1
294 IRON FOUNDRIES.....	253	121	.48	35	1	1
295 SHELTING & REFINING.....	211	107	.51	20	1	1
296 ALUMINUM ROLLING, CASTING & EXTRUDING....	323	161	.50	72	1	3
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING....			CONFIDENTIAL			
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....			CONFIDENTIAL			
13 METAL FABRICATING IND.....	1,846	1,003	.54	22	0	1
301 BOILER & PLATE WORKS.....	43	23	.53	7	0	0
302 FABRICATED STRUCTURAL METAL IND.....	197	111	.57	32	1	1
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	117	78	.66	17	0	1
304 METAL STAMPING, PRESSING & COATING IND.....	511	260	.51	26	0	1
305 WIRE & WIRE PRODUCTS MFRS.....	517	296	.57	47	1	2
306 HARDWARE, TOOL & CUTLERY MFRS.....	83	46	.55	7	0	0
307 HEATING EQUIPMENT MFRS.....	73	38	.52	25	1	1
308 MACHINE SHOPS.....	19	10	.52	5	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. USED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
309 MISCELLANEOUS METAL FABRICATING IND.....	286	141	.49	18	0	1
14 MACHINERY IND.....	789	415	.53	15	0	1
311 AGRICULTURAL IMPLEMENTS IND.....	305	161	.53	29	1	1
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	473	243	.51	14	0	1
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	11	12	1.11	4	0	0
318 OFFICE & STORE MACHINERY MFRS.....	0	0	.00	0	0	0
15 TRANSPORTATION EQUIPMENT IND.....	1,981	941	.47	18	0	1
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	5	2	.41	1	0	0
323 MOTOR VEHICLE MFRS.....	536	215	.40	12	0	0
324 TRUCK BODY & TRAILER MFRS.....	40	22	.55	9	0	0
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,309	653	.50	27	0	1
326 RAILROAD ROLLING STOCK IND.....	16	9	.55	4	0	0
327 SHIPBUILDING & REPAIR.....	71	39	.55	34	1	1
328 BOATBUILDING & REPAIR.....	3	2	.55	3	0	0
329 MISCELLANEOUS VEHICLE MFRS.....	0	0	.00	0	0	0
16 ELECTRICAL PRODUCTS IND.....	432	240	.56	6	0	0
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	9	5	.62	2	0	0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	92	52	.57	12	0	1
333 MFRS OF LIGHTING FIXTURES.....	1	1	.55	1	0	0
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	1	1	.51	0	0	0

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)	
335 COMMUNICATIONS EQUIPMENT MFRS.....	10	6	.56	0	0	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	140	75	.54	6	0	0	0
338 MFRS OF ELECTRIC WIRE & CABLE.....	96	57	.59	19	0	0	1
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	82	43	.52	11	0	0	1
17 NON-METALLIC MINERAL PRODUCTS IND.....	1,151	574	.50	45	1	1	2
351 CLAY PRODUCTS MFRS.....	77	37	.48	29	1	1	1
352 CEMENT MFRS.....	20	13	.66	15	0	0	0
353 STONE PRODUCTS MFRS.....	0	0	.00	0	0	0	0
354 CONCRETE PRODUCTS MFRS.....	396	218	.55	93	2	4	4
355 READY MIX CONCRETE MFRS.....	48	22	.45	19	0	0	1
356 GLASS & GLASS PRODUCTS MFRS.....	360	168	.47	49	1	2	2
357 ABRASIVES MFRS.....	18	10	.57	9	0	0	0
358 LIME MFRS.....	0	0	.00	0	0	0	0
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	233	105	.45	48	1	2	2
18 PETROLEUM & COAL PRODUCTS IND.....	11	6	.55	1	0	0	0
365 PETROLEUM REFINERIES.....	0	0	.00	0	0	0	0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	11	6	.55	102	1	2	2
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	53,480	15,055	.28	1,170	14	33	33
372 MFRS OF MIXED FERTILIZERS.....	22	12	.56	36	0	1	1
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	40	26	.66	15	0	1	1

TABLE 9 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	L.P.G. USED			QUANTITY OF L.P.G. USED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF		
					SHIPMENTS (GAL)	VALUE ADDED (GAL)	
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	1	1	.61	0	0	0	
375 PAINT & VARNISH MFRS.....	45	18	.40	10	0	0	
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	80	42	.52	15	0	0	
377 MFRS OF TOILET PREPARATIONS.....	0	0	.00	0	0	0	
378 MFRS OF INDUSTRIAL CHEMICALS.....	53,165	14,885	.28	3,786	34	98	
379 MISCELLANEOUS CHEMICAL IND.....	127	71	.55	16	0	1	
20 MISCELLANEOUS MANUFACTURING IND.....	141	75	.53	4	0	0	
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	52	25	.48	3	0	0	
392 JEWELLERY & SILVERWARE IND.....	2	1	.49	0	0	0	
393 SPORTING GOODS & TOY IND.....	14	8	.56	3	0	0	
397 SIGNS & DISPLAYS IND.....	46	27	.59	14	1	1	
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	27	14	.52	3	0	0	
ALL MANUFACTURING INDUSTRIES.....	65,952	21,431	.32	78	1	3	

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 10 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL USED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)	\$1000 OF (TON)
1 FOOD & BEVERAGE IND.....	1,299	61	46.83	.0	.0	.0
101 MEAT & POULTRY PRODUCTS IND.....	0	0	.00	.0	.0	.0
102 FISH PRODUCTS IND.....						
103 FRUIT & VEGETABLE PROCESSING IND.....	1,183	44	37.05	.1	.0	.0
104 DAIRY PRODUCTS IND.....	0	0	.00	.0	.0	.0
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
106 FEED IND.....	0	0	.00	.0	.0	.0
107 BAKERY PRODUCTS IND.....	0	0	.00	.0	.0	.0
108 MISCELLANEOUS FOOD IND.....						
109 BEVERAGE IND.....	0	0	.00	.0	.0	.0
2 TOBACCO PRODUCTS IND.....	0	0	.00	.0	.0	.0
151 LEAF TOBACCO PROCESSORS.....	0	0	.00	.0	.0	.0
153 TOBACCO PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
3 RUBBER & PLASTICS PRODUCTS IND.....	68	2	28.96	.0	.0	.0
162 RUBBER PRODUCTS IND.....	68	2	28.96	.0	.0	.0
165 PLASTICS FABRICATING IND, N.E.S.....	0	0	.00	.0	.0	.0
4 LEATHER IND.....	0	0	.00	.0	.0	.0
172 LEATHER TANNERIES.....	0	0	.00	.0	.0	.0
174 SHOE FACTORIES.....	0	0	.00	.0	.0	.0
175 LEATHER GLOVE FACTORIES.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

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SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL USED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENT'S VALUE ADDED (TON)	\$1000 OF VALUE ADDED (TON)
5 TEXTILE IND.....	0	0	.00	.0	.0	.0
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	0	0	.00	.0	.0	.0
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	0	0	.00	.0	.0	.0
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	0	0	.00	.0	.0	.0
184 CORDAGE & TWINE IND.....	0	0	.00	.0	.0	.0
185 FELT & FIBRE PROCESSING MILLS.....	0	0	.00	.0	.0	.0
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	0	0	.00	.0	.0	.0
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	0	0	.00	.0	.0	.0
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	0	0	.00	.0	.0	.0
231 HOSIERY MILLS.....	0	0	.00	.0	.0	.0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	0	0	.00	.0	.0	.0
7 CLOTHING IND.....	0	0	.00	.0	.0	.0
243 MEN'S CLOTHING IND.....	0	0	.00	.0	.0	.0
244 WOMEN'S CLOTHING IND.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	0	0	.00	.0	.0	.0
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL USED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)	\$1000 OF VALUE ADDED (TON)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL			
8 WOOD IND.....	25	2	72.00	.0	.0	.0
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	0	0	.00	.0	.0	.0
252 VENEER & PLYWOOD MILLS.....	0	0	.00	.0	.0	.0
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	0	0	.00	.0	.0	.0
256 WOODEN BOX FACTORIES.....	0	0	.00	.0	.0	.0
258 COFFIN & CASKET IND.....	25	2	72.00	.1	.0	.0
259 MISCELLANEOUS WOOD IND.....	0	0	.00	.0	.0	.0
9 FURNITURE & FIXTURE IND.....	287	10	36.00	.0	.0	.0
261 HOUSEHOLD FURNITURE MFRS.....	287	10	36.00	.0	.0	.0
264 OFFICE FURNITURE MFRS.....	0	0	.00	.0	.0	.0
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	0	0	.00	.0	.0	.0
268 ELECTRIC LAMP & SHADE MFRS.....	0	0	.00	.0	.0	.0
10 PAPER & ALLIED IND.....	211,239	6,227	29.48	4.9	.1	.2
271 PULP & PAPER MILLS.....	211,239	6,227	29.48	9.8	.1	.3
272 ASPHALT ROOFING MFRS.....	0	0	.00	.0	.0	.0
273 PAPER BOX & BAG MFRS.....	0	0	.00	.0	.0	.0
274 MISCELLANEOUS PAPER CONVERTERS.....	0	0	.00	.0	.0	.0
11 PRINTING, PUBLISHING & ALLIED IND.....	0	0	.00	.0	.0	.0
286 COMMERCIAL PRINTING.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL USED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	0	0	.00	.0	.0	.0
288 PUBLISHING ONLY.....	0	0	.00	.0	.0	.0
289 PUBLISHING & PRINTING.....	0	0	.00	.0	.0	.0
12 PRIMARY METAL IND.....	51,980	5,775	111.10	.7	.0	.0
291 IRON & STEEL MILLS.....	0	0	.00	.0	.0	.0
292 STEEL PIPE & TUBE MILLS.....	0	0	.00	.0	.0	.0
294 IRON FOUNDRIES.....	400	31	77.18	.1	.0	.0
295 SHELTING & REFINING.....	45,355	5,499	121.24	4.3	.1	.2
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	0	0	.00	.0	.0	.0
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...						
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....						
13 METAL FABRICATING IND.....	7	1	86.14	.0	.0	.0
301 BOILER & PLATE WORKS.....	0	0	.00	.0	.0	.0
302 FABRICATED STRUCTURAL METAL IND.....	0	0	.00	.0	.0	.0
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	0	0	.00	.0	.0	.0
304 METAL STAMPING, PRESSING & COATING IND.....	0	0	.00	.0	.0	.0
305 WIRE & WIRE PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
306 HARDWARE, TOOL & CUTLERY MFRS.....	0	0	.00	.0	.0	.0
307 HEATING EQUIPMENT MFRS.....	0	0	.00	.0	.0	.0
308 MACHINE SHOPS.....	5	1	104.00	.0	.0	.0

CONFIDENTIAL

CONFIDENTIAL

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL USED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)
309 MISCELLANEOUS METAL FABRICATING IND.....	2	0	41.50	.0	.0	.0
14 MACHINERY IND.....	675	31	45.83	.0	.0	.0
311 AGRICULTURAL IMPLEMENTS IND.....	0	0	.00	.0	.0	.0
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	675	31	45.83	.0	.0	.0
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	0	0	.00	.0	.0	.0
318 OFFICE & STORE MACHINERY MFRS.....	0	0	.00	.0	.0	.0
15 TRANSPORTATION EQUIPMENT IND.....	54,598	2,500	45.80	.5	.0	.0
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	0	0	.00	.0	.0	.0
323 MOTOR VEHICLE MFRS.....	54,598	2,500	45.80	1.2	.0	.0
324 TRUCK BODY & TRAILER MFRS.....	0	0	.00	.0	.0	.0
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	0	0	.00	.0	.0	.0
326 RAILROAD ROLLING STOCK IND.....	0	0	.00	.0	.0	.0
327 SHIPBUILDING & REPAIR.....	0	0	.00	.0	.0	.0
328 BOATBUILDING & REPAIR.....	0	0	.00	.0	.0	.0
329 MISCELLANEOUS VEHICLE MFRS.....	0	0	.00	.0	.0	.0
16 ELECTRICAL PRODUCTS IND.....	109	14	130.28	.0	.0	.0
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	0	0	.00	.0	.0	.0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	0	0	.00	.0	.0	.0
333 MFRS OF LIGHTING FIXTURES.....	0	0	.00	.0	.0	.0
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	COAL USED			QUANTITY OF COAL USED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)
335 COMMUNICATIONS EQUIPMENT MFRS.....	0	0	.00	.0	.0	.0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	0	0	.00	.0	.0	.0
338 MFRS OF ELECTRIC WIRE & CABLE.....	0	0	.00	.0	.0	.0
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	109	14	130.28	.0	.0	.0
17 NON-METALLIC MINERAL PRODUCTS IND.....	371,138	10,447	28.15	14.5	.3	.5
351 CLAY PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
352 CEMENT MFRS.....	348,553	9,426	27.04	272.5	2.3	3.8
353 STONE PRODUCTS MFRS.....	30	1	38.13	.2	.0	.0
354 CONCRETE PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
355 READY MIX CONCRETE MFRS.....	0	0	.00	.0	.0	.0
356 GLASS & GLASS PRODUCTS MFRS.....	0	0	.00	.0	.0	.0
357 ABRASIVES MFRS.....	0	0	.00	.0	.0	.0
358 LIME MFRS.....	20,603	905	43.91	59.0	.6	1.1
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1,952	115	58.96	.4	.0	.0
18 PETROLEUM & COAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
365 PETROLEUM REFINERIES.....	0	0	.00	.0	.0	.0
369 MISC PETROLEUM & COAL PRODUCTS IND.....	0	0	.00	.0	.0	.0
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	2,352	94	40.01	.1	.0	.0
372 MFRS OF MIXED FERTILIZERS.....	0	0	.00	.0	.0	.0
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	0	0	.00	.0	.0	.0

TABLE 10 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	COAL USED		QUANTITY OF COAL USED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	0	0	.00	.0	.0
375 PAINT & VARNISH MFRS.....	0	0	.00	.0	.0
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	0	0	.00	.0	.0
377 MFRS OF TOILET PREPARATIONS.....	0	0	.00	.0	.0
378 MFRS OF INDUSTRIAL CHEMICALS.....	2,352	94	40.01	.2	.0
379 MISCELLANEOUS CHEMICAL IND.....	0	0	.00	.0	.0
20 MISCELLANEOUS MANUFACTURING IND.....	0	0	.00	.0	.0
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	0	0	.00	.0	.0
392 JEWELLERY & SILVERWARE IND.....	0	0	.00	.0	.0
393 SPORTING GOODS & TOY IND.....	0	0	.00	.0	.0
397 SIGNS & DISPLAYS IND.....	0	0	.00	.0	.0
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	0	0	.00	.0	.0
ALL MANUFACTURING INDUSTRIES.....	693,777	25,164	36.27	.8	.0

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 11 INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	ELECTRICITY USED			QUANTITY OF ELECTRICITY USED PER		
	QUANTITY (KWH 000)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)
1 FOOD & BEVERAGE IND.....	1,569,556	32,366	.02	18,643	210	597
101 MEAT & POULTRY PRODUCTS IND.....	280,399	5,409	.02	18,419	166	742
102 FISH PRODUCTS IND.....			CONFIDENTIAL			
103 FRUIT & VEGETABLE PROCESSING IND.....	119,748	2,829	.02	12,685	189	460
104 DAIRY PRODUCTS IND.....	195,928	4,190	.02	22,539	181	798
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	127,276	2,475	.02	42,999	376	1,070
106 FEED IND.....	79,145	1,881	.02	23,868	167	730
107 BAKERY PRODUCTS IND.....	105,538	2,327	.02	8,043	232	455
108 MISCELLANEOUS FOOD IND.....			CONFIDENTIAL			
109 BEVERAGE IND.....	210,674	4,399	.02	16,463	212	350
2 TOBACCO PRODUCTS IND.....	64,028	1,408	.02	20,634	123	312
151 LEAF TOBACCO PROCESSORS.....	20,248	445	.02	25,959	90	764
153 TOBACCO PRODUCTS MFRS.....	43,780	964	.02	18,846	148	245
3 RUBBER & PLASTICS PRODUCTS IND.....	883,631	18,825	.02	24,875	537	1,087
162 RUBBER PRODUCTS IND.....	456,708	9,485	.02	25,267	529	1,006
165 PLASTICS FABRICATING IND, N.E.S.....	426,923	9,340	.02	24,468	545	1,190
4 LEATHER IND.....	76,098	1,823	.02	6,392	208	434
172 LEATHER TANNERIES.....	30,938	748	.02	17,065	325	915
174 SHOE FACTORIES.....	31,865	752	.02	4,242	158	304
175 LEATHER GLOVE FACTORIES.....	478	12	.03	1,897	82	143

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

	ELECTRICITY USED			QUANTITY OF ELECTRICITY USED PER		
	QUANTITY (KWH 000)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)
SIC MAJOR GP & IND GP						
5 TEXTILE IND.....	12,817	311	.02	5,503	201	386
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS...	804,111	14,302	.02	27,289	578	1,270
181 COTTON YARN & CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	23,432	559	.02	14,812	465	772
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	549,972	8,747	.02	62,911	1,146	2,641
184 CORDAGE & TWINE IND.....	5,120	123	.02	16,463	521	1,035
185 FELT & FIBRE PROCESSING MILLS.....	13,743	339	.02	15,943	420	984
186 CARPET, MAT & RUG IND.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND....	3,752	94	.03	2,938	98	220
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	52,227	1,117	.02	8,103	151	323
189 MISCELLANEOUS TEXTILE IND.....			CONFIDENTIAL			
6 KNITTING MILLS.....	50,908	1,155	.02	7,614	279	570
231 HOSIERY MILLS.....	14,414	333	.02	8,366	340	637
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	36,494	822	.02	7,353	260	547
7 CLOTHING IND.....	58,922	1,453	.02	2,595	96	183
243 MEN'S CLOTHING IND.....	28,535	693	.02	2,407	91	173
244 WOMEN'S CLOTHING IND.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL			
246 FUR GOODS IND.....	1,396	36	.03	3,022	60	156
248 FOUNDATION GARMENT IND.....			CONFIDENTIAL			

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

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SIC MAJOR GP & IND GP	ELECTRICITY USED			QUANTITY OF ELECTRICITY USED PER		
	QUANTITY (KWH 000)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	(KWH)
249 MISCELLANEOUS CLOTHING IND.....				CONFIDENTIAL		
8 WOOD IND.....	406,035	8,972	.02	20,191	467	1,003
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	168,862	3,698	.02	27,144	582	1,237
252 VENEER & PLYWOOD MILLS.....	41,926	796	.02	21,336	708	1,536
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	66,487	1,672	.03	9,750	227	506
256 WOODEN BOX FACTORIES.....	17,552	415	.02	7,685	176	338
258 COFFIN & CASKET IND.....	782	23	.03	3,555	152	260
259 MISCELLANEOUS WOOD IND.....	110,426	2,367	.02	42,455	902	2,028
9 FURNITURE & FIXTURE IND.....	151,382	3,562	.02	7,073	204	396
261 HOUSEHOLD FURNITURE MFRS.....	85,135	2,019	.02	6,949	219	440
264 OFFICE FURNITURE MFRS.....	28,895	653	.02	9,261	224	408
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	33,306	798	.02	6,104	159	307
268 ELECTRIC LAMP & SHADE MFRS.....	4,046	92	.02	7,049	244	423
10 PAPER & ALLIED IND.....	5,123,052	84,101	.02	117,804	1,812	4,294
271 PULP & PAPER MILLS.....	4,787,419	77,011	.02	221,599	2,986	7,022
272 ASPHALT ROOFING MFRS.....	21,624	381	.02	54,469	489	1,201
273 PAPER BOX & BAG MFRS.....	166,379	3,563	.02	14,256	256	654
274 MISCELLANEOUS PAPER CONVERTERS.....	147,630	3,147	.02	15,040	279	618
11 PRINTING, PUBLISHING & ALLIED IND.....	295,260	6,654	.02	6,242	169	257
286 COMMERCIAL PRINTING.....	164,406	3,800	.02	7,213	199	330

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	ELECTRICITY USED			QUANTITY OF ELECTRICITY USED PER			
	QUANTITY (KWH 000)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)	
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND..	19,900	468	.02	5,244	170	227	
288 PUBLISHING ONLY.....	0	0	.00	0	0	0	
289 PUBLISHING & PRINTING.....	110,954	2,387	.02	7,239	195	266	
12 PRIMARY METAL IND.....	5,948,352	102,093	.02	82,690	1,203	2,745	
291 IRON & STEEL MILLS.....	3,726,933	64,412	.02	91,092	1,180	2,620	
292 STEEL PIPE & TUBE MILLS.....	89,536	1,964	.02	31,661	370	1,142	
294 IRON FOUNDRIES.....	343,964	7,922	.02	48,242	1,001	1,890	
295 SMELTING & REFINING.....	1,354,336	20,009	.01	127,275	3,604	5,901	
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	216,278	3,685	.02	48,126	623	1,849	
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING...							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S.....							
13 METAL FABRICATING IND.....	1,063,168	23,779	.02	12,455	240	504	
301 BOILER & PLATE WORKS.....	40,242	937	.02	7,007	113	285	
302 FABRICATED STRUCTURAL METAL IND.....	54,312	1,373	.03	8,902	175	326	
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	56,225	1,431	.03	8,069	152	319	
304 METAL STAMPING, PRESSING & COATING IND.....	288,929	6,454	.02	14,630	230	555	
305 WIRE & WIRE PRODUCTS MFRS.....	225,646	4,678	.02	20,482	360	839	
306 HARDWARE, TOOL & CUTLERY MFRS.....	122,236	2,794	.02	9,644	262	412	
307 HEATING EQUIPMENT MFRS.....	26,787	624	.02	9,237	201	397	
308 MACHINE SHOPS.....	24,058	610	.03	5,829	184	285	
			CONFIDENTIAL				
			CONFIDENTIAL				

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	ELECTRICITY USED			QUANTITY OF ELECTRICITY USED PER			
	QUANTITY (KWH 000)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)	
309 MISCELLANEOUS METAL FABRICATING IND.....	224,733	4,877	.02	13,974	284	581	
14 MACHINERY IND.....	561,878	11,862	.02	10,389	199	444	
311 AGRICULTURAL IMPLEMENTS IND.....	157,419	2,959	.02	14,748	277	726	
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	327,625	7,113	.02	9,353	183	372	
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	16,698	414	.02	6,417	111	278	
318 OFFICE & STORE MACHINERY MFRS.....	60,136	1,377	.02	10,404	188	555	
15 TRANSPORTATION EQUIPMENT IND.....	2,291,333	46,594	.02	20,261	184	613	
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	74,471	1,818	.02	8,789	265	407	
323 MOTOR VEHICLE MFRS.....	806,582	15,736	.02	18,053	103	501	
324 TRUCK BODY & TRAILER MFRS.....	30,656	778	.03	6,657	126	326	
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,295,512	26,536	.02	26,784	347	769	
326 RAILROAD ROLLING STOCK IND.....	57,144	1,113	.02	14,827	222	588	
327 SHIPBUILDING & REPAIR.....	21,756	474	.02	10,415	293	410	
328 BOATBUILDING & REPAIR.....	4,785	126	.03	4,984	134	430	
329 MISCELLANEOUS VEHICLE MFRS.....	427	12	.03	6,778	165	286	
16 ELECTRICAL PRODUCTS IND.....	834,149	17,502	.02	11,275	257	497	
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	42,845	1,026	.02	8,849	185	418	
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON).....	107,867	2,161	.02	14,159	265	740	
333 MFRS OF LIGHTING FIXTURES.....	9,667	234	.02	6,995	136	297	
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	12,059	280	.02	4,154	77	168	

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	ELECTRICITY USED			QUANTITY OF ELECTRICITY USED PER			
	QUANTITY (KWH 000)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	
335 COMMUNICATIONS EQUIPMENT MFRS.....	193,586	3,798	.02	8,428	208	330	
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	212,257	4,520	.02	9,797	264	439	
338 MFRS OF ELECTRIC WIRE & CABLE.....	157,877	3,351	.02	31,709	439	1,462	
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	97,991	2,133	.02	12,860	347	661	
17 NON-METALLIC MINERAL PRODUCTS IND.....	2,850,607	35,624	.01	111,653	2,069	3,877	
351 CLAY PRODUCTS MFRS.....	89,612	1,950	.02	33,739	908	1,400	
352 CEMENT MFRS.....	1,340,563	9,163	.01	1,048,134	9,005	14,433	
353 STONE PRODUCTS MFRS.....	1,727	42	.02	9,386	237	322	
354 CONCRETE PRODUCTS MFRS.....	46,868	1,096	.02	11,033	260	464	
355 READY MIX CONCRETE MFRS.....	34,977	828	.02	13,695	162	426	
356 GLASS & GLASS PRODUCTS MFRS.....	349,919	6,292	.02	47,941	1,009	1,745	
357 ABRASIVES MFRS.....	739,048	11,056	.01	358,413	6,213	14,055	
358 LIME MFRS.....	50,504	955	.02	144,711	1,536	2,615	
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	197,389	4,242	.02	40,283	865	1,681	
18 PETROLEUM & COAL PRODUCTS IND.....	1,108,975	18,735	.02	113,799	426	2,437	
365 PETROLEUM REFINERIES.....	1,100,624	18,525	.02	114,161	425	2,448	
369 MISC PETROLEUM & COAL PRODUCTS IND.....	8,351	210	.03	80,298	526	1,549	
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	3,505,108	62,125	.02	76,668	915	2,159	
372 MFRS OF MIXED FERTILIZERS.....	9,084	222	.02	14,795	130	509	
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	184,509	3,643	.02	68,821	682	2,407	

TABLE 11 (CONT'D) INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1977

SIC MAJOR GP & IND GP	ELECTRICITY USED			QUANTITY OF ELECTRICITY USED PER			
	QUANTITY (KWH 000)	COST (\$000'S)	UNIT PRICE (\$/KWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)	
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	88,833	1,831	.02	12,040	229	349	
375 PAINT & VARNISH MFRS.....	50,427	1,132	.02	11,176	160	355	
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	81,771	1,612	.02	15,009	162	331	
377 MFRS OF TOILET PREPARATIONS.....	22,139	446	.02	6,707	140	216	
378 MFRS OF INDUSTRIAL CHEMICALS.....	2,946,701	50,627	.02	209,849	1,873	5,452	
379 MISCELLANEOUS CHEMICAL IND.....	121,644	2,612	.02	15,712	220	503	
20 MISCELLANEOUS MANUFACTURING IND.....	296,896	6,651	.02	7,815	196	374	
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	112,600	2,377	.02	7,598	192	342	
392 JEWELLERY & SILVERWARE IND.....	25,998	650	.03	5,686	96	270	
393 SPORTING GOODS & TOY IND.....	46,701	1,104	.02	8,206	217	414	
397 SIGNS & DISPLAYS IND.....	18,231	435	.02	5,620	210	348	
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	93,366	2,085	.02	9,661	261	459	
ALL MANUFACTURING INDUSTRIES.....	27,943,441	499,587	.02	33,135	503	1,239	

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 12 ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1977

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
					000 MILLION BTU		
1 FOOD & BEVERAGE IND.....	6,801	2,899.4	24,581	151.8	32.4	5,355.3	39,822
101 MEAT & POULTRY PRODUCTS IND.....	1,289	480.0	2,928	11.9	.0	956.7	5,665
102 FISH PRODUCTS IND.....				CONFIDENTIAL			
103 FRUIT & VEGETABLE PROCESSING IND.....	1,311	73.6	1,806	30.5	29.5	408.6	3,659
104 DAIRY PRODUCTS IND.....	1,181	672.7	2,151	42.4	.0	668.5	4,716
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	98	16.4	738	2.8	.0	434.3	1,290
106 FEED IND.....	385	238.5	852	20.6	.0	270.0	1,766
107 BAKERY PRODUCTS IND.....	273	488.0	1,779	.9	.0	360.1	2,901
108 MISCELLANEOUS FOOD IND.....				CONFIDENTIAL			
109 BEVERAGE IND.....	1,134	500.6	5,372	14.4	.0	718.8	7,740
2 TOBACCO PRODUCTS IND.....	176	48.0	282	10.4	.0	218.5	734
151 LEAF TOBACCO PROCESSORS.....	174	6.4	109	10.4	.0	69.1	369
153 TOBACCO PRODUCTS MFRS.....	2	41.5	172	.0	.0	149.4	365
3 RUBBER & PLASTICS PRODUCTS IND.....	2,230	114.6	6,005	54.4	1.7	3,014.9	11,421
162 RUBBER PRODUCTS IND.....	1,667	22.6	4,123	37.8	1.7	1,558.3	7,411
165 PLASTICS FABRICATING IND, N.E.S.....	562	92.0	1,882	16.6	.0	1,456.7	4,010
4 LEATHER IND.....	340	19.3	797	5.9	.0	259.6	1,422
172 LEATHER TANNERIES.....	279	2.5	571	5.5	.0	105.6	964
174 SHOE FACTORIES.....	41	8.0	155	.0	.0	108.7	313
175 LEATHER GLOVE FACTORIES.....	1	.9	8	.1	.0	1.6	12

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1977

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
					000 MILLION BTU		
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	19	8.0	63	.2	.0	43.7	134
5 TEXTILE IND.....	3,116	126.4	7,246	28.0	.0	2,743.6	13,260
181 COTTON YARN & CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN & CLOTH MILLS.....	9	4.2	417	.0	.0	79.9	510
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	2,659	16.7	4,433	9.0	.0	1,876.5	8,993
184 CORDAGE & TWINE IND.....	13	.6	5	.0	.0	17.5	36
185 FELT & FIBRE PROCESSING MILLS.....	70	6.8	152	.8	.0	46.9	276
186 CARPET, MAT & RUG IND.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	26	15.6	31	.4	.0	12.8	85
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	110	9.8	375	5.3	.0	178.2	678
189 MISCELLANEOUS TEXTILE IND.....				CONFIDENTIAL			
6 KNITTING MILLS.....	239	7.7	453	.4	.0	173.7	874
231 HOSIERY MILLS.....	43	1.3	88	.0	.0	49.2	181
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	196	6.3	366	.4	.0	124.5	693
7 CLOTHING IND.....	147	40.5	249	.3	.0	201.0	638
243 MEN'S CLOTHING IND.....	112	19.1	127	.0	.0	97.4	355
244 WOMEN'S CLOTHING IND.....				CONFIDENTIAL			
245 CHILDREN'S CLOTHING IND.....				CONFIDENTIAL			
246 FUR GOODS IND.....	1	2.6	1	.0	.0	4.8	9
248 FOUNDATION GARMENT IND.....				CONFIDENTIAL			

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1977

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	000 MILLION BTU		
					COAL	ELECTRICITY	TOTAL
CONFIDENTIAL							
249 MISCELLANEOUS CLOTHING IND.....							
8 WOOD IND.....	1,395	575.5	3,065	97.5	.6	1,385.4	6,519
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	849	283.5	651	5.6	.0	576.2	2,365
252 VENEER & PLYWOOD MILLS.....	74	29.6	342	2.1	.0	143.1	591
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	207	170.1	326	11.3	.0	226.9	941
256 WOODEN BOX FACTORIES.....	147	50.1	130	19.3	.0	59.9	406
258 COFFIN & CASKET IND.....	4	7.7	6	.0	.6	2.7	21
259 MISCELLANEOUS WOOD IND.....	115	34.6	1,610	59.1	.0	376.8	2,195
9 FURNITURE & FIXTURE IND.....	366	122.9	1,434	16.8	7.1	516.5	2,464
261 HOUSEHOLD FURNITURE MFRS.....	240	61.6	637	8.6	7.1	290.5	1,245
264 OFFICE FURNITURE MFRS.....	51	12.0	416	7.4	.0	98.6	584
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	71	48.0	366	.8	.0	113.6	599
268 ELECTRIC LAMP & SHADE MFRS.....	5	1.3	15	.0	.0	13.8	35
10 PAPER & ALLIED IND.....	10,413	269.0	50,326	137.4	5,262.6	17,479.9	83,888
271 PULP & PAPER MILLS.....	9,896	83.5	47,047	90.8	5,262.6	16,334.7	78,715
272 ASPHALT ROOFING MFRS.....	124	4.0	354	.0	.0	73.8	556
273 PAPER BOX & BAG MFRS.....	224	136.3	1,433	33.8	.0	567.7	2,395
274 MISCELLANEOUS PAPER CONVERTERS.....	169	45.2	1,492	12.8	.0	503.7	2,222
11 PRINTING, PUBLISHING & ALLIED IND.....	298	375.6	1,245	2.5	.0	1,007.4	2,928
286 COMMERCIAL PRINTING.....	199	130.2	844	2.5	.0	561.0	1,736

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1977

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	000 MILLION BTU		
					COAL	ELECTRICITY	TOTAL
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	22	47.1	85	.0	.0	67.9	222
288 PUBLISHING ONLY.....	0	.0	0	.0	.0	.0	0
289 PUBLISHING & PRINTING.....	76	198.2	316	.0	.0	378.6	970
12 PRIMARY METAL IND.....	29,793	288.6	56,487	210.7	1,295.0	20,295.8	108,369
291 IRON & STEEL MILLS.....	17,704	160.8	37,560	28.6	.0	12,716.3	68,170
292 STEEL PIPE & TUBE MILLS.....	119	9.2	1,351	9.2	.0	305.5	1,794
294 IRON FOUNDRIES.....	263	23.3	1,683	29.6	10.0	1,173.6	3,182
295 SMELTING & REFINING.....	10,411	35.9	12,548	24.7	1,129.9	4,621.0	28,770
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	680	27.5	1,186	37.7	.0	737.9	2,669
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING,							
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S....							
13 METAL FABRICATING IND.....	1,625	757.2	12,673	216.0	.2	3,627.5	18,900
301 BOILER & PLATE WORKS.....	126	20.9	374	5.0	.0	137.3	663
302 FABRICATED STRUCTURAL METAL IND.....	122	146.2	462	23.0	.0	185.3	939
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	68	111.9	589	13.7	.0	191.8	974
304 METAL STAMPING, PRESSING & COATING IND.....	323	158.4	3,973	59.8	.0	985.8	5,500
305 WIRE & WIRE PRODUCTS MFRS.....	94	36.2	2,715	60.5	.0	769.9	3,676
306 HARDWARE, TOOL & CUTLERY MFRS.....	115	79.3	905	9.8	.0	417.1	1,526
307 HEATING EQUIPMENT MFRS.....	13	21.6	396	8.5	.0	91.4	531
308 MACHINE SHOPS.....	62	66.1	138	2.2	.1	82.1	350

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TABLE 11 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1977

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
					000 MILLION BTU		
309 MISCELLANEOUS METAL FABRICATING IND.....	702	116.6	3,122	33.4	.0	766.8	4,741
14 MACHINERY IND.....	946	321.4	5,261	92.3	16.8	1,917.1	8,555
311 AGRICULTURAL IMPLEMENTS IND.....	334	46.4	2,127	35.7	.0	537.1	3,081
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	576	162.7	2,679	55.3	16.8	1,117.9	4,608
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	21	15.1	225	1.2	.0	57.0	319
318 OFFICE & STORE MACHINERY MFRS.....	14	97.2	230	.0	.0	205.2	546
15 TRANSPORTATION EQUIPMENT IND.....	6,091	1,051.0	14,257	231.7	1,360.2	7,818.0	30,808
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	445	17.8	379	.6	.0	254.1	1,097
323 MOTOR VEHICLE MFRS.....	4,030	668.2	4,709	62.8	1,360.2	2,752.1	13,583
324 TRUCK BODY & TRAILER MFRS.....	51	51.2	353	4.7	.0	104.6	565
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	1,170	269.6	8,189	153.2	.0	4,420.3	14,202
326 RAILROAD ROLLING STOCK IND.....	360	12.4	468	1.8	.0	195.0	1,037
327 SHIPBUILDING & REPAIR.....	14	21.1	100	8.3	.0	74.2	218
328 BOATBUILDING & REPAIR.....	20	9.5	52	.4	.0	16.3	99
329 MISCELLANEOUS VEHICLE MFRS.....	0	1.2	6	.0	.0	1.5	8
16 ELECTRICAL PRODUCTS IND.....	1,052	134.0	5,747	50.5	2.7	2,846.1	9,833
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	33	10.3	519	1.0	.0	146.2	710
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	156	.8	1,347	10.8	.0	368.0	1,883
333 MFRS OF LIGHTING FIXTURES.....	9	6.6	92	.1	.0	33.0	140
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	21	.3	53	.1	.0	41.1	116

TABLE 12 (CONT'D) ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1977

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	000 MILLION BTU		
				L.P.G.	COAL	ELECTRICITY TOTAL
335 COMMUNICATIONS EQUIPMENT MFRS.....	193	31.0	758	1.2	.0	660.5 1,644
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	375	44.2	1,534	16.4	.0	724.2 2,694
338 MFRS OF ELECTRIC WIRE & CABLE.....	104	7.1	731	11.3	.0	538.7 1,392
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	161	33.8	713	9.7	2.7	334.3 1,254
17 NON-METALLIC MINERAL PRODUCTS IND.....	11,776	482.1	26,315	134.7	9,246.1	9,726.3 57,680
351 CLAY PRODUCTS MFRS.....	213	30.6	4,318	9.1	.0	305.8 4,877
352 CEMENT MFRS.....	4,454	12.6	6,646	2.3	8,683.4	4,574.0 24,372
353 STONE PRODUCTS MFRS.....	5	5.1	10	.0	.7	5.9 27
354 CONCRETE PRODUCTS MFRS.....	682	240.0	985	46.3	.0	159.9 2,113
355 READY MIX CONCRETE MFRS.....	1,061	112.0	304	5.6	.0	119.3 1,602
356 GLASS & GLASS PRODUCTS MFRS.....	47	16.8	9,150	42.1	.0	1,193.9 10,450
357 ABRASIVES MFRS.....	51	14.7	335	2.1	.0	2,521.6 2,924
358 LIME MFRS.....	3,326	7.5	1,380	.0	513.3	172.3 5,399
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1,938	42.9	3,187	27.3	48.6	673.5 5,916
18 PETROLEUM & COAL PRODUCTS IND.....	596	28.0	6,397	1.2	.0	3,783.8 10,806
365 PETROLEUM REFINERIES.....	309	27.4	6,266	.0	.0	3,755.3 10,358
369 MISC PETROLEUM & COAL PRODUCTS IND.....	287	.6	131	1.2	.0	28.5 448
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	26,871	423.8	51,829	6,257.2	58.6	11,959.4 97,400
372 MFRS OF MIXED FERTILIZERS.....	3	40.2	32	2.6	.0	31.0 109
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	1,066	11.7	2,120	4.7	.0	629.5 3,832

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1977

SIC MAJOR GROUP & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	000 MILLION BTU	
					COAL	ELECTRICITY TOTAL
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	111	111.2	776	.1	.0	303.1 1,301
375 PAINT & VARNISH MFRS.....	290	45.4	285	5.3	.0	172.1 798
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	797	14.0	1,334	9.4	.0	279.0 2,434
377 MFRS OF TOILET PREPARATIONS.....	110	22.1	159	.0	.0	75.5 367
378 MFRS OF INDUSTRIAL CHEMICALS.....	23,575	84.9	45,959	6,220.2	58.6	10,054.1 85,953
379 MISCELLANEOUS CHEMICAL IND.....	918	94.3	1,164	14.9	.0	415.0 2,606
20 MISCELLANEOUS MANUFACTURING IND.....	983	251.3	2,185	16.6	.0	1,013.0 4,449
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	613	80.8	325	6.0	.0	384.2 1,409
392 JEWELLERY & SILVERWARE IND.....	10	10.6	212	.3	.0	88.7 322
393 SPORTING GOODS & TOY IND.....	118	42.4	441	1.7	.0	159.3 762
397 SIGNS & DISPLAYS IND.....	28	56.2	165	5.4	.0	62.2 317
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	214	61.4	1,042	3.2	.0	318.6 1,639
ALL MANUFACTURING INDUSTRIES.....	105,252	8,336.3	276,836	7,716.4	17,283.9	95,343.0 510,768

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 13

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
1 FOOD & BEVERAGE IND.....	4,780,285	2,627,304	107,164	41,213	7,473,541
101 MEAT & POULTRY PRODUCTS IND.....	1,306,977	377,656	16,139	9,885	1,690,889
102 FISH PRODUCTS IND.....			CONFIDENTIAL		
103 FRUIT & VEGETABLE PROCESSING IND.....	375,620	260,452	9,104	13,243	631,934
104 DAIRY PRODUCTS IND.....	828,158	245,583	14,595	6,059	1,082,277
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	216,985	118,916	4,196	1,692	338,406
106 FEED IND.....	359,700	108,438	5,801	1,172	472,767
107 BAKERY PRODUCTS IND.....	215,863	231,903	8,967	1,804	454,929
108 MISCELLANEOUS FOOD IND.....			CONFIDENTIAL		
109 BEVERAGE IND.....	373,796	602,021	18,740	1,501	993,056
2 TOBACCO PRODUCTS IND.....	308,670	205,300	2,592	-4,873	521,435
151 LEAF TOBACCO PROCESSORS.....	187,791	26,502	1,037	-9,498	224,828
153 TOBACCO PRODUCTS MFRS.....	120,879	178,798	1,554	4,625	296,607
3 RUBBER & PLASTICS PRODUCTS IND.....	836,356	812,581	35,043	37,571	1,646,409
162 RUBBER PRODUCTS IND.....	419,888	453,953	18,845	30,118	862,568
165 PLASTICS FABRICATING IND, N.E.S.....	416,467	358,628	16,198	7,452	783,841
4 LEATHER IND.....	194,784	175,164	4,177	7,465	366,660
172 LEATHER TANNERIES.....	61,373	33,817	2,408	2,419	95,179
174 SHOE FACTORIES.....	100,536	104,813	1,210	4,716	201,843
175 LEATHER GLOVE FACTORIES.....	2,697	3,332	37	244	5,822

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.					
5 TEXTILE IND.....	30,178	33,201	521	85	63,815
181 COTTON YARN & CLOTH MILLS.....	729,385	633,019	33,568	5,517	1,390,455
182 WOOL YARN & CLOTH MILLS.....	19,853	30,355	CONFIDENTIAL		
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	251,506	208,205	1,343	1,209	50,343
184 CORDAGE & TWINE IND.....	4,133	4,946	20,459	341	479,830
185 FELT & FIBRE PROCESSING MILLS.....	18,150	13,973	163	-585	9,826
186 CARPET, MAT & RUG IND.....			830	221	32,731
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	22,166	17,017	CONFIDENTIAL		
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	185,257	161,581	310	1,013	38,479
189 MISCELLANEOUS TEXTILE IND.....			2,384	4,165	345,057
6 KNITTING MILLS.....	90,815	89,361	CONFIDENTIAL		
231 HOSIERY MILLS.....	19,119	22,643	2,632	224	182,583
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	71,695	66,718	618	-61	42,440
7 CLOTHING IND.....	292,824	321,697	2,014	285	140,143
243 MEN'S CLOTHING IND.....	146,091	165,097	2,539	2,796	614,264
244 WOMEN'S CLOTHING IND.....			1,333	-132	312,652
245 CHILDREN'S CLOTHING IND.....			CONFIDENTIAL		
246 FUR GOODS IND.....	14,739	8,977	CONFIDENTIAL		
248 FOUNDATION GARMENT IND.....			55	458	23,312
			CONFIDENTIAL		

TABLE 13 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
249 MISCELLANEOUS CLOTHING IND.....			CONFIDENTIAL		
8 WOOD IND.....	447,267	404,653	22,716	4,613	870,023
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	146,030	136,493	9,416	1,662	290,277
252 VENEER & PLYWOOD MILLS.....	30,511	27,298	1,740	311	59,237
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	160,572	131,439	3,847	2,865	292,993
256 WOODEN BOX FACTORIES.....	46,866	51,976	1,393	278	99,957
258 COFFIN & CASKET IND.....	1,999	3,010	92	-44	5,145
259 MISCELLANEOUS WOOD IND.....	61,288	54,437	6,227	-459	122,412
9 FURNITURE & FIXTURE IND.....	353,339	382,221	7,870	587	742,844
261 HOUSEHOLD FURNITURE MFRS.....	189,519	193,413	4,175	-1,193	388,300
264 OFFICE FURNITURE MFRS.....	57,454	70,761	1,615	997	128,833
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	99,432	108,482	1,944	715	209,143
268 ELECTRIC LAMP & SHADE MFRS.....	6,934	9,565	137	68	16,567
10 PAPER & ALLIED IND.....	1,440,021	1,193,017	197,187	3,606	2,826,617
271 PULP & PAPER MILLS.....	740,844	681,778	181,396	981	1,603,036
272 ASPHALT ROOFING MFRS.....	26,425	18,003	1,392	1,635	44,185
273 PAPER BOX & BAG MFRS.....	386,709	254,302	7,721	-1,078	649,811
274 MISCELLANEOUS PAPER CONVERTERS.....	286,043	238,934	6,677	2,068	529,585
11 PRINTING, PUBLISHING & ALLIED IND.....	601,856	1,146,893	12,291	13,117	1,747,923
286 COMMERCIAL PRINTING.....	332,326	498,354	7,017	9,730	827,967

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	28,622	87,546	1,007	280	116,894
288 PUBLISHING ONLY.....	91,660	144,572	0	2,478	233,754
289 PUBLISHING & PRINTING.....	149,249	416,420	4,267	628	569,308
12 PRIMARY METAL IND.....	2,589,764	2,166,792	265,520	93,998	4,946,391
291 IRON & STEEL MILLS.....	1,633,781	1,422,276	166,151	62,629	3,159,580
292 STEEL PIPE & TUBE MILLS.....	161,467	78,421	4,580	2,348	242,121
294 IRON FOUNDRIES.....	144,396	181,944	13,316	-3,946	343,601
295 SMELTING & REFINING.....	73,288	229,494	63,808	9,157	375,746
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	243,963	116,991	7,581	21,647	346,888
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.					
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S....					
13 METAL FABRICATING IND.....	2,280,951	2,108,007	56,435	6,821	4,438,574
301 BOILER & PLATE WORKS.....	199,224	141,187	2,077	-13,636	356,123
302 FABRICATED STRUCTURAL METAL IND.....	136,812	166,515	3,715	-3,148	310,191
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	189,860	176,006	3,471	223	369,116
304 METAL STAMPING, PRESSING & COATING IND.....	725,558	520,432	15,789	7,939	1,253,840
305 WIRE & WIRE PRODUCTS MFRS.....	349,393	268,870	10,277	1,110	627,431
306 HARDWARE, TOOL & CUTLERY MFRS.....	170,874	296,494	5,420	6,079	466,708
307 HEATING EQUIPMENT MFRS.....	66,942	67,519	1,576	2,911	133,126
308 MACHINE SHOPS.....	45,994	84,382	1,419	1,139	130,656

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TABLE 13 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
309 MISCELLANEOUS METAL FABRICATING IND.....	396,293	386,603	12,691	4,204	791,383
14 MACHINERY IND.....	1,558,345	1,266,834	25,763	23,932	2,827,011
311 AGRICULTURAL IMPLEMENTS IND.....	343,209	216,722	7,822	-1,144	568,897
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS....	911,662	881,699	14,518	20,508	1,787,371
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS....	91,015	59,992	1,002	1,890	150,120
318 OFFICE & STORE MACHINERY MFRS.....	212,459	108,421	2,421	2,678	320,624
15 TRANSPORTATION EQUIPMENT IND.....	8,762,592	3,735,631	94,810	163,420	12,429,614
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	123,241	182,780	3,379	28,722	280,677
323 MOTOR VEHICLE MFRS.....	6,238,257	1,610,303	36,605	83,069	7,802,096
324 TRUCK BODY & TRAILER MFRS.....	148,378	94,125	1,925	1,470	242,959
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	2,043,442	1,685,608	48,983	44,264	3,733,769
326 RAILROAD ROLLING STOCK IND.....	160,031	97,154	2,689	2,279	257,595
327 SHIPBUILDING & REPAIR.....	24,915	53,026	858	4,643	74,156
328 BOATBUILDING & REPAIR.....	23,267	11,139	340	-1,021	35,767
329 MISCELLANEOUS VEHICLE MFRS.....	1,061	1,495	31	-7	2,594
16 ELECTRICAL PRODUCTS IND.....	1,546,778	1,678,438	31,386	11,353	3,245,249
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	128,329	102,444	2,183	1,357	231,600
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	251,459	145,699	4,896	-5,410	407,464
333 MFRS OF LIGHTING FIXTURES.....	38,757	32,513	473	586	71,157
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	76,046	71,918	456	-8,516	156,936

TABLE 13 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
335 COMMUNICATIONS EQUIPMENT MFRS.....	333,735	585,874	5,831	-7,086	932,527
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	330,620	483,733	8,386	19,221	803,518
338 MFRS OF ELECTRIC WIRE & CABLE.....	249,636	107,998	5,015	3,299	359,349
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	138,196	148,258	4,146	7,902	282,698
17 NON-METALLIC MINERAL PRODUCTS IND.....	533,698	735,334	119,848	11,328	1,377,555
351 CLAY PRODUCTS MFRS.....	26,432	64,005	10,514	2,314	98,639
352 CEMENT MFRS.....	21,251	92,882	36,989	2,258	148,865
353 STONE PRODUCTS MFRS.....	2,305	5,358	104	490	7,277
354 CONCRETE PRODUCTS MFRS.....	73,425	101,108	6,310	443	180,401
355 READY MIX CONCRETE MFRS.....	128,412	82,153	5,563	520	215,608
356 GLASS & GLASS PRODUCTS MFRS.....	128,469	200,535	22,534	4,847	346,691
357 ABRASIVES MFRS.....	54,715	52,582	11,911	259	118,950
358 LIME MFRS.....	3,323	19,314	10,275	41	32,871
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	95,345	117,398	15,647	157	228,253
18 PETROLEUM & COAL PRODUCTS IND.....	2,165,002	455,069	33,757	49,189	2,604,641
365 PETROLEUM REFINERIES.....	2,155,592	449,677	32,643	49,135	2,588,777
369 MISC PETROLEUM & COAL PRODUCTS IND.....	9,410	5,393	1,115	54	15,863
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	2,014,947	1,623,821	241,032	47,578	3,832,228
372 MFRS OF MIXED FERTILIZERS.....	50,658	17,846	517	-760	69,782
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	192,105	76,644	9,858	7,916	270,691

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	134,821	254,736	4,147	5,153	388,552
375 PAINT & VARNISH MFRS.....	171,723	142,108	2,598	1,882	314,548
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	256,242	247,302	5,494	3,619	505,419
377 MFRS OF TOILET PREPARATIONS.....	55,237	102,649	1,127	942	158,071
378 MFRS OF INDUSTRIAL CHEMICALS.....	853,344	540,512	209,701	30,229	1,573,332
379 MISCELLANEOUS CHEMICAL IND.....	300,817	242,023	7,590	-1,403	551,833
20 MISCELLANEOUS MANUFACTURING IND.....	728,493	793,602	14,322	20,349	1,516,070
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	259,238	328,868	4,576	5,646	587,036
392 JEWELLERY & SILVERWARE IND.....	182,693	96,369	1,149	10,440	269,771
393 SPORTING GOODS & TOY IND.....	97,392	112,731	2,468	-2,199	214,790
397 SIGNS & DISPLAYS IND.....	34,035	52,319	1,200	788	86,766
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	155,135	203,316	4,929	5,673	357,707
ALL MANUFACTURING INDUSTRIES.....	32,256,163	22,554,733	1,310,652	539,802	55,600,071

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

TABLE 14
GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
1 FOOD & BEVERAGE IND.....	1,368	84,191	1,141,192	13,555
101 MEAT & POULTRY PRODUCTS IND.....	184	15,223	218,027	14,322
102 FISH PRODUCTS IND.....	12	CONFIDENTIAL		
103 FRUIT & VEGETABLE PROCESSING IND.....	111	9,440	110,005	11,653
104 DAIRY PRODUCTS IND.....	176	8,693	116,881	13,445
105 FLOUR & BREAKFAST CEREAL PRODUCTS IND.....	21	2,960	44,610	15,071
106 FEED IND.....	184	3,316	41,965	12,655
107 BAKERY PRODUCTS IND.....	422	13,122	156,777	11,948
108 MISCELLANEOUS FOOD IND.....	148	CONFIDENTIAL		
109 BEVERAGE IND.....	110	12,797	210,626	16,459
2 TOBACCO PRODUCTS IND.....	9	3,103	46,548	15,001
151 LEAF TOBACCO PROCESSORS.....	6	780	8,921	11,437
153 TOBACCO PRODUCTS MFRS.....	3	2,323	37,627	16,198
3 RUBBER & PLASTICS PRODUCTS IND.....	400	35,523	438,991	12,358
162 RUBBER PRODUCTS IND.....	63	18,075	244,888	13,548
165 PLASTICS FABRICATING IND, N.E.S.....	337	17,448	194,103	11,125
4 LEATHER IND.....	150	11,906	113,735	9,553
172 LEATHER TANNERIES.....	14	1,813	21,226	11,707
174 SHOE FACTORIES.....	65	7,512	69,703	9,279
175 LEATHER GLOVE FACTORIES.....	8	252	2,155	8,552

TABLE 14. (CONT'D.) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	63	2,329	20,651	8,867
5 TEXTILE IND.....	345	29,466	344,176	11,680
181 COTTON YARN & CLOTH MILLS.....	6	CONFIDENTIAL		
182 WOOL YARN & CLOTH MILLS.....	11	1,582	16,222	10,254
183 MAN-MADE FIBRE, YARN & CLOTH MILLS.....	40	8,742	110,063	12,590
184 CORDAGE & TWINE IND.....	7	311	3,197	10,281
185 FELT & FIBRE PROCESSING MILLS.....	23	862	9,596	11,132
186 CARPET, MAT & RUG IND.....	15	CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON AND JUTE BAGS IND..	67	1,277	11,353	8,890
188 AUTOMOBILE FABRIC ACCESSORIES IND.....	14	6,445	89,066	13,819
189 MISCELLANEOUS TEXTILE IND.....	162	CONFIDENTIAL		
6 KNITTING MILLS.....	74	6,686	60,205	9,005
231 HOSIERY MILLS.....	24	1,723	15,459	8,972
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	50	4,963	44,746	9,016
7 CLOTHING IND.....	383	22,710	201,441	8,870
243 MEN'S CLOTHING IND.....	122	11,853	103,240	8,710
244 WOMEN'S CLOTHING IND.....	133	CONFIDENTIAL		
245 CHILDREN'S CLOTHING IND.....	16	CONFIDENTIAL		
246 FUR GOODS IND.....	68	462	5,080	10,995
248 FOUNDATION GARMENT IND.....	9	CONFIDENTIAL		

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
249 MISCELLANEOUS CLOTHING IND.....	35	CONFIDENTIAL	CONFIDENTIAL	
8 WOOD IND.....	645	20,110	242,641	12,066
251 SAWMILLS, PLANING MILLS & SHINGLE MILLS.....	215	6,221	78,341	12,593
252 VENEER & PLYWOOD MILLS.....	21	1,965	21,245	10,812
254 SASH, DOOR & OTHER MILLWORK PLANTS.....	266	6,819	80,045	11,738
256 WOODEN BOX FACTORIES.....	77	2,284	28,658	12,547
258 COFFIN & CASKET IND.....	7	220	2,109	9,585
259 MISCELLANEOUS WOOD IND.....	59	2,601	32,243	12,396
9 FURNITURE & FIXTURE IND.....	682	21,402	233,088	10,891
261 HOUSEHOLD FURNITURE MFRS.....	463	12,252	125,315	10,228
264 OFFICE FURNITURE MFRS.....	43	3,120	38,916	12,473
266 MISCELLANEOUS FURNITURE & FIXTURES MFRS.....	153	5,456	63,923	11,716
268 ELECTRIC LAMP & SHADE MFRS.....	23	574	4,934	8,596
10 PAPER & ALLIED IND.....	287	43,488	681,113	15,662
271 PULP & PAPER MILLS.....	37	21,604	383,016	17,729
272 ASPHALT ROOFING MFRS.....	4	397	5,288	13,321
273 PAPER BOX & BAG MFRS.....	140	11,671	161,478	13,836
274 MISCELLANEOUS PAPER CONVERTERS.....	106	9,816	131,330	13,379
11 PRINTING, PUBLISHING & ALLIED IND.....	1,468	47,305	649,217	13,724
286 COMMERCIAL PRINTING.....	859	22,793	311,433	13,664

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE ----- (\$)
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	181	3,795	58,222	15,342
288 PUBLISHING ONLY.....	214	5,389	62,407	11,580
289 PUBLISHING & PRINTING.....	214	15,328	217,155	14,167
12 PRIMARY METAL IND.....	203	71,936	1,193,580	16,592
291 IRON & STEEL MILLS.....	19	40,914	730,425	17,853
292 STEEL PIPE & TUBE MILLS.....	14	2,828	43,920	15,531
294 IRON FOUNDRIES.....	53	7,130	105,629	14,815
295 SMELTING & REFINING.....	9	10,641	163,101	15,328
296 ALUMINUM ROLLING, CASTING & EXTRUDING.....	35	4,494	70,162	15,612
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.	27	CONFIDENTIAL	CONFIDENTIAL	
298 METAL ROLLING, CASTING & EXTRUDING, N.E.S...	46	CONFIDENTIAL	CONFIDENTIAL	
13 METAL FABRICATING IND.....	2,026	85,362	1,189,827	13,939
301 BOILER & PLATE WORKS.....	42	5,743	103,849	18,083
302 FABRICATED STRUCTURAL METAL IND.....	68	6,101	104,390	17,110
303 ORNAMENTAL & ARCHITECTURAL METAL IND.....	248	6,968	93,985	13,488
304 METAL STAMPING, PRESSING & COATING IND.....	386	19,749	270,293	13,686
305 WIRE & WIRE PRODUCTS MFRS.....	165	11,017	148,315	13,462
306 HARDWARE, TOOL & CUTLERY MFRS.....	427	12,675	171,749	13,550
307 HEATING EQUIPMENT MFRS.....	58	2,900	36,801	12,690
308 MACHINE SHOPS.....	317	4,127	56,045	13,580

TABLE 14 (CONT'D)
GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
309 MISCELLANEOUS METAL FABRICATING IND.....	315	16,082	204,399	12,710
14 MACHINERY IND.....	606	54,085	774,781	14,325
311 AGRICULTURAL IMPLEMENTS IND.....	49	10,674	173,753	16,278
315 MISCELLANEOUS MACHINERY & EQUIPMENT MFRS.....	507	35,029	479,678	13,694
316 COMMERCIAL REFRIG & AIR COND EQUIP MFRS.....	22	2,602	37,578	14,442
318 OFFICE & STORE MACHINERY MFRS.....	28	5,780	83,771	14,493
15 TRANSPORTATION EQUIPMENT IND.....	373	113,092	1,908,707	16,877
321 AIRCRAFT & AIRCRAFT PARTS MFRS.....	37	8,473	124,239	14,663
323 MOTOR VEHICLE MFRS.....	11	44,679	810,478	18,140
324 TRUCK BODY & TRAILER MFRS.....	71	4,605	61,052	13,258
325 MOTOR VEHICLE PARTS & ACCESSORIES MFRS.....	186	48,369	806,527	16,674
326 RAILROAD ROLLING STOCK IND.....	8	3,854	64,072	16,625
327 SHIPBUILDING & REPAIR.....	10	2,089	31,311	14,908
328 BOATBUILDING & REPAIR.....	45	960	10,406	10,839
329 MISCELLANEOUS VEHICLE MFRS.....	5	63	623	9,885
16 ELECTRICAL PRODUCTS IND.....	476	73,979	988,004	13,355
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	36	4,842	59,508	12,290
332 MFRS OF MAJOR APPLIANCES (ELECTRIC & NON)...	21	7,618	99,903	13,114
333 MFRS OF LIGHTING FIXTURES.....	35	1,382	16,248	11,757
334 MFRS OF HOUSEHOLD RADIO & TV RECEIVERS.....	11	2,903	38,190	13,155

TABLE 14 (CONT'D)
GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
335 COMMUNICATIONS EQUIPMENT MFRS.....	153	22,970	311,068	13,542
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	119	21,665	304,848	14,071
338 MFRS OF ELECTRIC WIRE & CABLE.....	17	4,979	70,092	14,078
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	84	7,620	88,146	11,568
17 NON-METALLIC MINERAL PRODUCTS IND.....	450	25,531	382,017	14,963
351 CLAY PRODUCTS MFRS.....	48	2,656	34,404	12,953
352 CEMENT MFRS.....	7	1,279	23,775	18,589
353 STONE PRODUCTS MFRS.....	22	184	2,551	13,865
354 CONCRETE PRODUCTS MFRS.....	172	4,248	61,826	14,554
355 READY MIX CONCRETE MFRS.....	104	2,554	43,907	17,192
356 GLASS & GLASS PRODUCTS MFRS.....	37	7,299	107,295	14,700
357 ABRASIVES MFRS.....	15	2,062	28,336	13,742
358 LIME MFRS.....	6	349	5,255	15,059
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	39	4,900	74,667	15,238
18 PETROLEUM & COAL PRODUCTS IND.....	36	9,745	217,826	22,353
365 PETROLEUM REFINERIES.....	20	9,641	216,207	22,426
369 MISC PETROLEUM & COAL PRODUCTS IND.....	16	104	1,619	15,566
19 CHEMICAL & CHEMICAL PRODUCTS IND.....	520	45,718	724,623	15,850
372 MFRS OF MIXED FERTILIZERS.....	44	614	7,241	11,793
373 MFRS OF PLASTICS & SYNTHETIC RESINS.....	28	2,681	46,202	17,233

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1977

SIC MAJOR GP & IND GP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
374 MFRS OF PHARMACEUTICALS & MEDICINES.....	70	7,378	101,690	13,783
375 PAINT & VARNISH MFRS.....	63	4,512	63,657	14,108
376 MFRS OF SOAP & CLEANING COMPOUNDS.....	47	5,448	86,809	15,934
377 MFRS OF TOILET PREPARATIONS.....	37	3,301	36,344	11,010
378 MFRS OF INDUSTRIAL CHEMICALS.....	59	14,042	274,736	19,565
379 MISCELLANEOUS CHEMICAL IND.....	172	7,742	107,945	13,943
20 MISCELLANEOUS MANUFACTURING IND.....	913	37,990	449,309	11,827
391 SCIENTIFIC & PROFESSIONAL EQUIPMENT IND.....	282	14,819	194,363	13,116
392 JEWELLERY & SILVERWARE IND.....	128	4,572	51,173	11,193
393 SPORTING GOODS & TOY IND.....	94	5,691	62,548	10,991
397 SIGNS & DISPLAYS IND.....	173	3,244	37,872	11,674
399 MISCELLANEOUS MANUFACTURING IND, N.E.S.....	236	9,664	103,353	10,695
ALL MANUFACTURING INDUSTRIES.....	11,414	843,328	11,981,019	14,207

NOTE : FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING.

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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1978



Ministry of
Treasury and
Economics

Central
Statistical
Services

November 1980

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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1978

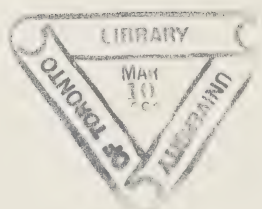


Ontario

Ministry of
Treasury and
Economics

Central
Statistical
Services

November 1980



PREFACE

Consumption of Fuel and Electricity by Ontario Manufacturing Industries is an annual publication. This eighth issue in a series, covers an extensive range of data on energy use in the Ontario manufacturing sector. The data presented are based on the Annual Census of Manufactures for 1978, the latest year for which detailed figures are available.

The publication is intended to provide an important basis for economic analysis and policy development. It contains a brief introductory section which outlines the highlights of the data. The main body of this report consists of 14 tables. These comprise aggregations at 2 digit major group and 3 digit industry group levels representing data on energy use, production statistics and related ratios.

The Explanatory Text contains a table of factors for converting various fuel quantities into BTU (British Thermal Unit) and/or kWh (kilowatt-hour) equivalents. These factors have been used in calculating the figures in Table 12.

November 1980

EXPLANATORY TEXT

ENERGY CONSUMED

In the publication, data on fuel and electricity consumed excludes items such as coal, coke, natural gas, etc., which are used as catalysts or components of manufactured products, etc., reported as manufacturing materials and supplies. This applies also to data of establishments which are not required to report similar items separately from materials, supplies and services in Annual Census. The above definition is consistent with information provided in previous publications of this series.

DIRECT ENERGY REQUIREMENTS

In this publication the term Direct Energy Requirements is used interchangeably with Energy Consumption.

CONFIDENTIALITY OF DATA

Central Statistical Services is prohibited by law from publishing any statistics which would divulge information relating to any individual company in the Annual Census of Manufactures. In collaboration with Statistics Canada and the other Provinces, it is frequently necessary to suppress any information that may create residual disclosure, at the national and/or provincial levels. In such cases, all suppressed data are marked as "CONFIDENTIAL".

SIC

SIC refers to the Standard Industrial Classification. The classification of industries used in this publication is based on the Standard Industrial Classification Manual (revised 1970 edition Catalogue Number 12-501) published by Statistics Canada.

CONVERSION TABLE

In order to provide a common basis when comparing energy statistics, the following table gives heat equivalent units in terms of BTU's (British Thermal Units) for various fuels presented in this publication.

Fuel Type	Natural Unit	Heat Equivalents	
		BTU Million	kWh
Coal	Short Ton	24.9128	7,302
Natural Gas	Cubic Foot	0.0010	0.2931
Gasoline	Canadian Gallon	0.1492	44
Fuel Oil	Canadian Gallon	0.1769	52
Liquid Petroleum Gas	Canadian Gallon	0.1170	34
Electricity	Kilowatt-Hour	0.003412	-

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ENERGY USED BY ONTARIO MANUFACTURING

The total value of energy consumed by Ontario manufacturing industries in 1978 exceeded \$1,536 million; an increase of 17.2 per cent over the previous year.

The type of energy used by Ontario manufacturing industries is outlined in the following table and chart:

Table A

Expenditure on Energy by Ontario Manufacturing Industries, 1978

	<u>\$ Million</u>	<u>Percent</u>
Natural Gas	570.5	37.1
Electricity	566.2	36.9
Fuel Oil	213.4	13.9
Gasoline	47.9	3.1
Coal	25.7	1.7
Other	112.7	7.3
Total	1,536.4	100.0

Expenditure on Energy by Ontario Manufacturing Industries, 1978



ENERGY INTENSIVE INDUSTRIES

In terms of value added, the six most energy intensive industries are: pulp and paper mills, industrial chemicals, smelting and refining, cement manufacturers, abrasives manufacturers, and lime manufacturers. The following table shows that intensity of energy use is not directly related to value added.

While six industries listed in the table below consumed 38.1 per cent of the total value of fuel and electricity used by Ontario manufacturers, they accounted for a relatively small proportion (6.8 per cent) of total value added in manufacturing.

Table B

Ontario's Energy Intensive Manufacturing Industries, 1978*

<u>SIC</u> <u>Code</u>	<u>Industries</u>	<u>Value</u> <u>Added</u> <u>in Mfg.</u>	<u>Energy Cost</u> <u>Per \$000</u> <u>Value Added</u>	<u>Energy Cost</u> <u>Per Person</u> <u>Employed</u>
		(\$ million)	(\$)	(\$)
271	Pulp and Paper Mills	742.3	284	9,494
378	Industrial Chemicals	633.1	387	16,996
295	Smelting and Refining	200.8	307	8,784
352	Cement Manufacturers	104.2	395	31,078
357	Abrasives Manufacturers	56.5	255	6,580
358	Lime Manufacturers	23.7	529	36,565
	Total (6 Industries)	1,760.6		
	Per Cent of Total Value Added in Manufacturing	6.8		
	Per Cent of Total Energy Consumption in Manufacturing	38.1		

*Definition

Energy intensive industries in this study have been defined as those for which the energy cost per thousand dollars of value added are at least three times the average cost of \$59.29.

ENERGY USE BY LARGE MANUFACTURING INDUSTRIES

In 1978, fuel and electricity costs for the total Ontario manufacturing sector, were equivalent to 2.4 per cent of value of shipments of goods of own manufacture and 4.0 per cent of value of raw materials and supplies used. Since only four industries consume 47.3 per cent of total fuel and electricity, it follows that the majority of industries, including most of the large ones, are not energy intensive by the definition on page ii.

The table below outlines energy use for Ontario's twenty largest industries based on value added, of which only two are energy intensive.

Table C

Energy Use by Twenty Largest Manufacturing Industries in Ontario, 1978

SIC Code	Industries	Amount Spent on Energy			
		Value Added in Mfg.	Per \$000 Value Added Mfg.	Per Person Employed	Per \$000 Shipments
		(\$ million)	(\$)	(\$)	(\$)
325	Motor Vehicle Parts and Accessories	2,105	29	1,106	13
323	Motor Vehicle Manufacturers	1,661	23	893	4
291	Iron and Steel Mills	1,654	127	4,870	54
315	Miscellaneous Machinery and Equipment Manufacturers	1,116	15	448	8
271	Pulp and Paper Mills	742	284	9,494	118
109	Beverage Industries	657	29	1,535	18
335	Communications Equipment	644	10	266	6
378	Industrial Chemicals	633	387	16,996	146
304	Metal Stamping, Pressing and Coating	623	31	894	13
286	Commercial Printing	581	14	329	8
162	Rubber Products Industries	492	45	1,200	22
336	Electrical Industrial Equipment	471	19	427	11
289	Publishing and Printing	468	10	302	8
165	Plastics Fabricating Ind., n.e.s.	457	42	973	20
309	Miscellaneous Metal Fabricating	457	34	886	17
101	Meat and Poultry Products	444	38	1,081	8
365	Petroleum Refineries	429	114	4,465	15
391	Scientific and Professional Equipment Industries	384	14	341	8
306	Hardware, Tool and Cutlery	352	16	426	11
374	Pharmaceuticals and Medicines	327	14	593	10
	Total	14,697			
	Per cent of Total Value Added in Manufacturing		56.7		

LARGEST USERS OF ENERGY

Four industries consumed 47.3 percent, by value, of energy used in Ontario Manufacturing. Industrial chemicals was found to be the largest user; the other three industries are: pulp and paper mills, iron and steel mills, and smelting and refining.

Table D

Largest Manufacturing Energy Users in Ontario, 1978

<u>SIC Code</u>	<u>Industries</u>	<u>All Sources</u>	<u>Electricity</u>	<u>Natural Gas</u>	<u>Fuel Oil</u>	<u>Coal</u>	<u>Gasoline</u>
Per cent of Total Manufacturing Use							
378	Industrial Chemicals	15.9	9.9	16.2	10.7	0.3	1.1
291	Iron and Steel Mills	13.7	13.2	14.4	21.9	-	1.5
271	Pulp and Paper Mills	13.7	14.4	15.6	12.7	23.4	1.1
295	Smelting and Refining	4.0	5.3	3.2	4.7	11.8	0.3

ENERGY AND EMPLOYMENT

The following table shows the ten industries which in 1978 sustained the highest energy cost per person employed.

Table E

Energy Costs Per Person Employed in Ontario, 1978

<u>SIC Code</u>	<u>Industries</u>	<u>Energy Cost Per Person Employed</u>	<u>Total Employment</u>
		\$	(Persons)
358	Lime Manufacturers	36,565	343
352	Cement Manufacturers	31,078	1,324
378	Industrial Chemicals	16,996	14,399
271	Pulp and Paper Mills	9,494	22,177
369	Miscellaneous Petroleum and Coal Products	8,804	99
295	Smelting and Refining	8,784	7,023
357	Abrasives Manufacturers	6,580	2,165
373	Plastics and Synthetic Resins	5,467	2,729
291	Iron and Steel Mills	4,870	43,278
365	Petroleum Refineries	4,465	10,951

COMPOSITION OF ENERGY BY ONTARIO MANUFACTURING INDUSTRIES

In the case of electricity, natural gas, fuel oil and gasoline, the ten largest consuming industries account for over 44 per cent, by value, of total energy cost in in the manufacturing sector. With respect to coal, the seven largest consumers account for more than 90 per cent, by value, of total consumption.

Table F

Electricity - Ten Largest Users in Ontario, 1978

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
271	Pulp and Paper Mills	81.4	14.4
291	Iron and Steel Mills	74.8	13.2
378	Industrial Chemicals	56.0	9.9
325	Motor Vehicle Parts and Accessories	32.5	5.7
295	Smelting and Refining	29.9	5.3
365	Petroleum Refining	22.0	3.9
323	Motor Vehicle Manufacturers	14.7	2.6
357	Abrasives Manufacturers	13.2	2.3
165	Plastics Products, n.e.s.	11.2	2.0
352	Cement Manufacturers	10.3	1.8
	Total	346.0	61.1

A chart for the ten largest users of electricity in Ontario for 1978 is given below:

Electricity - Ten Largest Users in Ontario, 1978

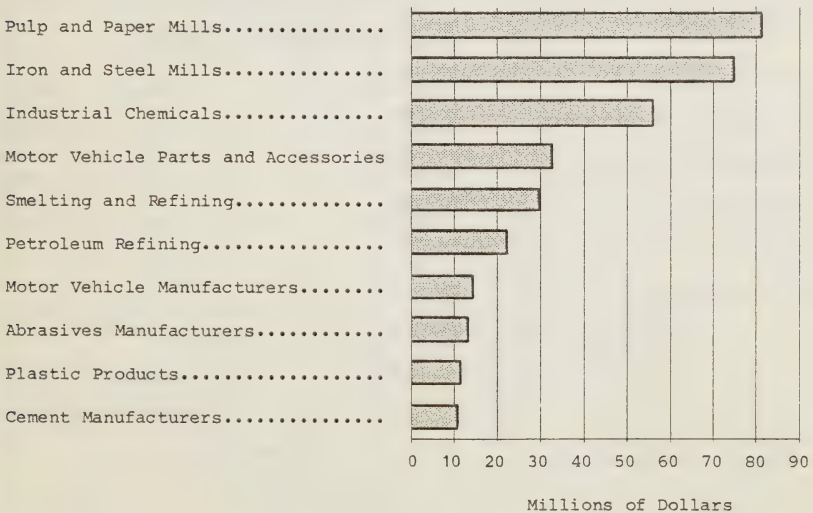


Table G

Natural Gas - Ten Largest Users in Ontario, 1978

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
378	Industrial Chemicals	92.4	16.2
271	Pulp and Paper Mills	89.2	15.6
291	Iron and Steel Mills	82.3	14.4
365	Petroleum Refining	21.3	3.7
325	Motor Vehicle Parts and Accessories	18.7	3.3
295	Smelting and Refining	18.5	3.2
356	Glass and Glass Products	18.3	3.2
352	Cement Manufacturers	11.3	2.0
323	Motor Vehicle Manufacturers	9.9	1.7
304	Metal Stamping, Pressing and Coating	9.1	1.6
Total		371.0	64.9

A chart for the ten largest users of natural gas in Ontario for 1978 is given below:

Natural Gas - Ten Largest Users in Ontario, 1978

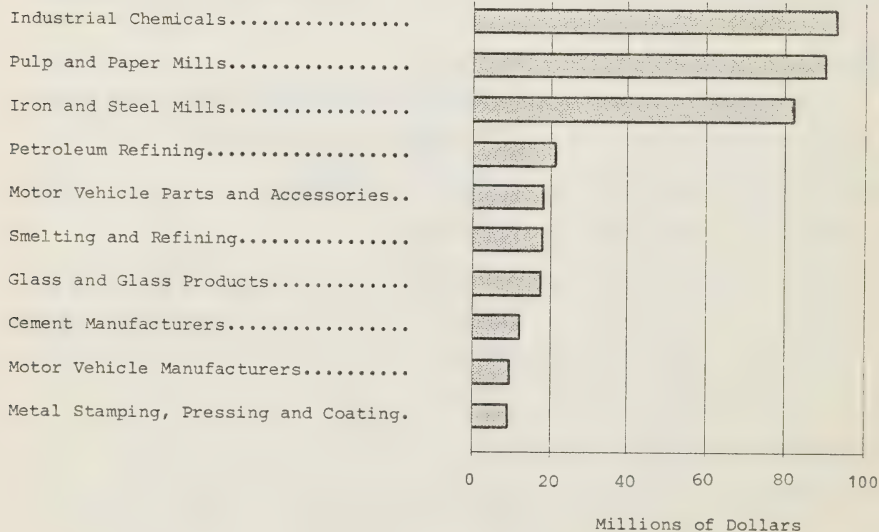


Table H

Fuel Oil - Ten Largest Users in Ontario, 1978

<u>SIC Code</u>	<u>Industry</u>	<u>Amount Used (\$ Million)</u>	<u>Per Cent of Total Mfg. Use</u>
291	Iron and Steel Mills	46.7	21.9
271	Pulp and Paper Mills	27.0	12.7
378	Industrial Chemicals	22.9	10.7
295	Smelting and Refining	9.9	4.7
352	Cement Manufacturers	7.4	3.5
323	Motor Vehicle Manufacturers	7.2	3.4
358	Lime Manufacturers	6.8	3.2
359	Miscellaneous Non-Metallic Mineral Products	6.0	2.8
183	Man-Made Fibre, Yarn and Cloth Mills	5.6	2.6
325	Motor Vehicle Parts and Accessories	4.1	1.9
Total		143.6	67.4

A chart for the ten largest users of fuel in Ontario 1978 is given below:

Fuel Oil - Ten Largest Users in Ontario, 1978

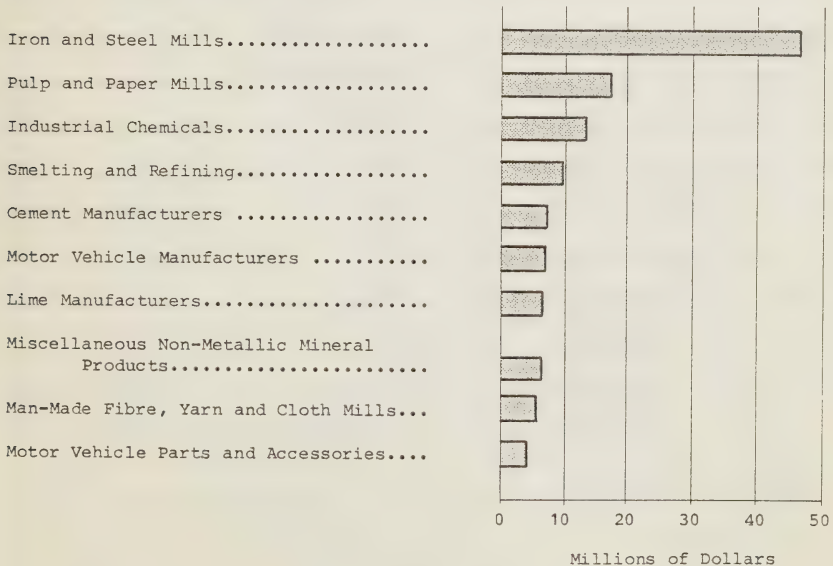


Table I

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1978

SIC Code	Industries	Light Fuel Oil (Gal. 000)	Heavy Fuel Oil (Gal. 000)
291	Iron and Steel Mills	438	123,455
271	Pulp and Paper Mills	1,636	64,778
378	Industrial Chemicals	1,585	62,176
295	Smelting and Refining	1,017	28,280
352	Cement Manufacturers	382	20,028
323	Motor Vehicle Manufacturers	112	19,746
358	Lime Manufacturers	1,496	16,481
183	Man-Made Fibre, Yarn and Cloth Mills	73	16,221
359	Miscellaneous Non-Metallic Mineral Products	1,663	12,801
162	Rubber Products	1,436	7,755

In this table, unlike other tables in this publication, kerosene and diesel oil are not included in the figures for fuel oil.

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1978

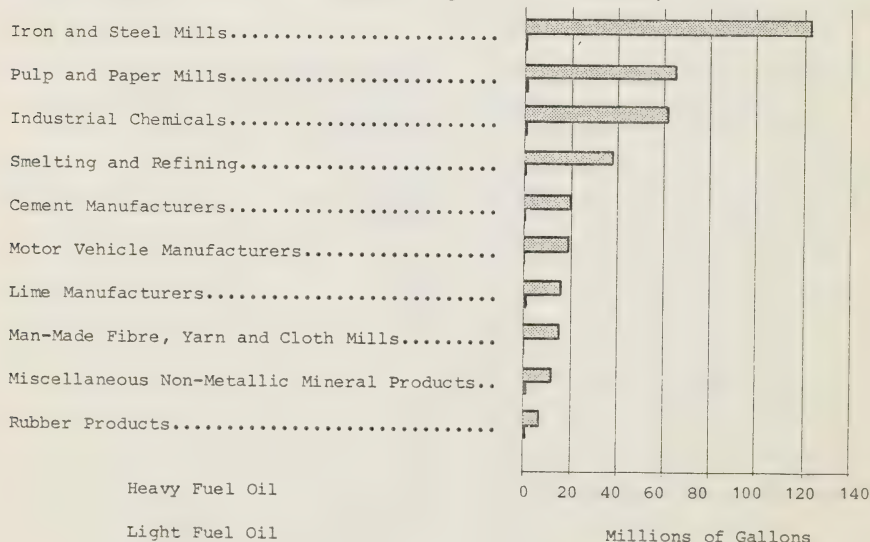


Table J

Gasoline - Ten Largest Users in Ontario, 1978

<u>SIC Code</u>	<u>Industries</u>	<u>Amount Used (\$ Million)</u>	<u>Per Cent of Total Mfg. Use</u>
104	Dairy Products	3.5	7.3
101	Meat and Poultry Products	2.7	5.7
109	Beverage Industries	2.7	5.6
323	Motor Vehicle Manufacturers	2.6	5.5
107	Bakery Products	2.3	4.8
251	Sawmills, Planing Mills and Shingle Mills	1.9	3.9
162	Rubber Products	1.6	3.4
354	Concrete Products	1.4	2.9
106	Feed Industry	1.2	2.5
289	Publishing and Printing	1.2	2.4
	Total	21.1	44.0

A chart for the ten largest users of gasoline in Ontario for 1978 is given below:

Gasoline - Ten Largest Users in Ontario, 1978

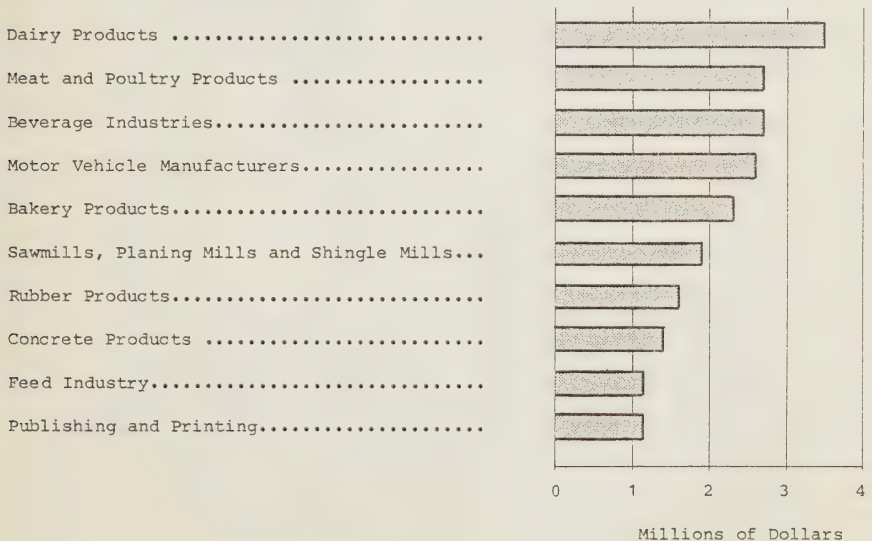


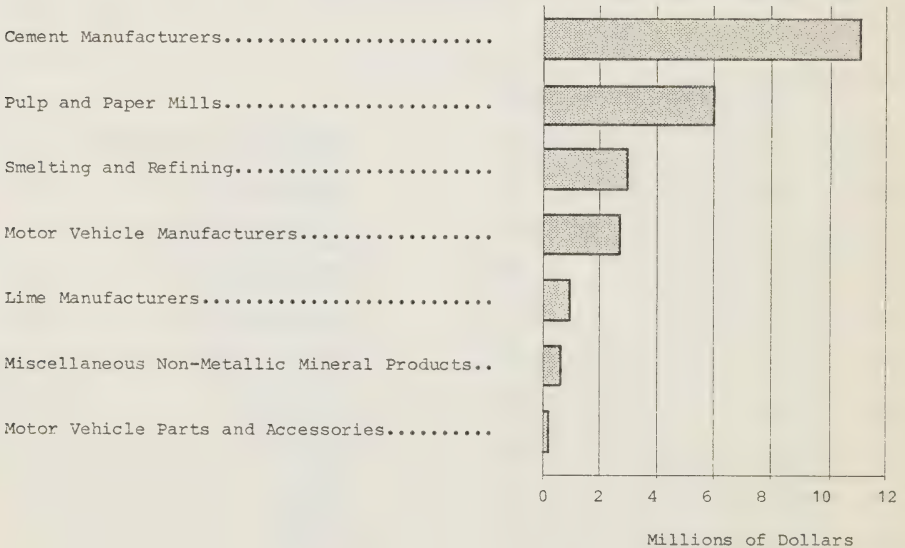
Table K

Coal - Seven Largest Users in Ontario, 1978

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
352	Cement Manufacturers	11.7	45.4
271	Pulp and Paper Mills	6.0	23.4
295	Smelting and Refining	3.0	11.8
323	Motor Vehicle Manufacturers	2.7	10.5
358	Lime Manufacturers	1.0	3.7
359	Miscellaneous Non-Metallic Mineral Products	0.7	2.6
325	Motor Vehicle Parts and Accessories	0.2	0.6
Total		25.3	98.0

A chart for the seven largest users of coal in Ontario for 1978 is given below:

Coal - Seven Largest Users in Ontario, 1978



Energy Consumption Vs. Value Added for
20 Major Industry Groups in Ontario 1978

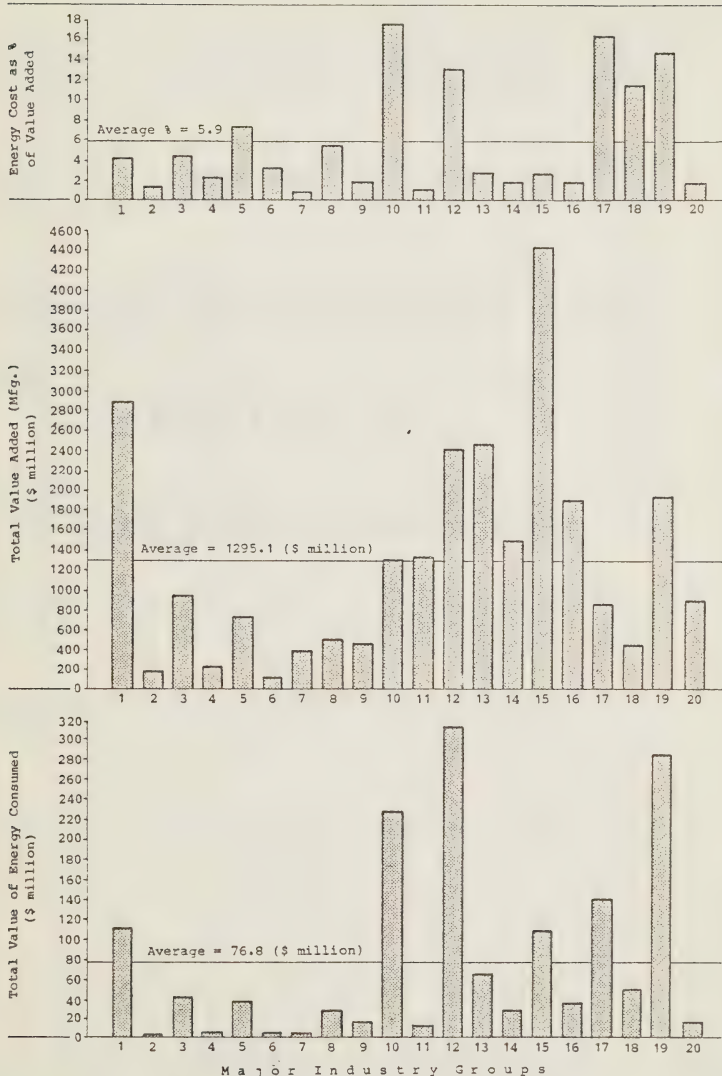


Table 1.

Interprovincial Comparison of Selected Principal Statistical and Associated Ratios Ranked by Value Added/Cost of P & E, 1976 to 1978

	Number of Establishments	Cost of P & E	Value of Shipments \$'000	Manufacturing Value Added	Total Employment Number	(Value Added) (Cost of P & E) Ratio	Cost of P & E per Employee	Value of Shipments Per Employee (dollars)	Value Added Per Employee
1978 (Preliminary data) X1									
Canada	11,079	1,516,347	65,111,069	25,910,549	880,806	16.47	1,744	73,923	29,417
Ontario	11,079	1,516,347	65,111,069	25,910,549	880,806	16.47	1,744	73,923	29,417
Alberta	1,722	172,102	7,459,273	2,437,438	73,669	14.15	2,339	100,187	33,086
Quebec	9,701	1,000,000	11,995,539	3,923,229	523,529	15.61	1,713	63,555	26,733
British Columbia	3,470	930,089	12,235,180	3,523,116	151,526	15.30	2,214	79,507	35,371
Manitoba	1,263	104,951	3,277,879	1,226,065	51,521	16.24	1,667	61,432	23,743
Prince Edward Island	130	1,523	171,451	58,038	2,781	16.24	2,335	61,651	20,809
Saskatchewan	676	44,461	1,513,760	580,465	19,215	12.24	2,335	61,651	20,809
Newfoundland	269	37,730	800,902	386,439	16,127	10.24	2,330	52,137	23,064
Yukon	15	507	14,295	4,174	157	8.23	3,229	91,051	26,586
Nova Scotia	714	132,467	2,716,296	806,488	36,219	32.11	1,067	59,501	34,244
New Brunswick	519	130,351	2,414,043	730,116	31,387	6.51	3,001	75,096	24,752
Canada	11,963	1,191,240	129,019,220	51,679,262	1,790,849	15.21	1,897	72,041	24,857
1978 X2									
Canada	11,314	1,110,664	55,590,920	22,584,740	883,336	17.21	1,584	65,919	26,745
Ontario	11,314	1,110,664	55,590,920	22,584,740	883,336	17.21	1,584	65,919	26,745
Alberta	1,731	115,195	6,026,283	1,927,104	49,981	16.90	1,703	89,101	28,789
Quebec	8,475	714,111	27,951,262	11,741,516	499,501	16.44	1,429	55,905	23,484
British Columbia	2,099	208,004	10,058,453	4,498,873	142,099	15.52	1,415	55,705	31,600
Manitoba	1,125	72,709	2,040,094	1,128,698	51,170	15.52	1,415	55,705	31,600
Prince Edward Island	104	2,902	130,374	42,016	2,251	14.48	1,299	57,918	18,665
Saskatchewan	222	35,296	1,299,398	469,900	18,648	12.60	2,000	69,606	25,203
Yukon and Northwest Territories	10	405	69,606	34,472	14,503	11.65	1,979	46,797	21,059
Nova Scotia	610	100,710	2,201,400	735,179	34,391	13.95	2,636	81,098	36,777
New Brunswick	495	118,356	2,040,500	641,547	29,745	7.10	2,931	64,200	21,439
Canada	21,715	2,790,750	100,052,431	44,110,091	1,704,415	5.12	3,392	60,646	21,503
						15.81	1,617	63,405	25,000
1978 X2									
Canada	11,000	1,000,500	49,851,277	20,410,677	651,012	19.34	1,329	59,307	24,005
Ontario	11,000	1,000,500	49,851,277	20,410,677	651,012	19.34	1,329	59,307	24,005
Alberta	1,790	91,610	5,208,207	1,744,343	67,167	19.04	1,360	77,311	25,406
Quebec	24	307	14,455	5,713	280	17.40	1,096	51,625	20,479
British Columbia	9,020	612,927	25,402,937	10,664,392	524,632	16.96	1,192	49,183	20,327
Manitoba	1,044	64,754	2,766,050	1,096,080	54,106	16.40	1,714	50,495	20,220
Prince Edward Island	3,106	214,368	8,057,459	4,100,410	140,975	16.40	1,714	50,495	20,220
Saskatchewan	612	29,050	1,215,190	448,199	25,198	15.70	1,102	54,227	17,307
Yukon and Northwest Territories	249	30,406	599,004	241,297	13,260	7.98	2,139	64,200	23,879
Newfoundland	649	86,447	1,997,456	679,120	36,200	7.06	2,382	54,766	19,713
Nova Scotia	527	95,551	1,864,343	525,465	30,303	6.11	1,153	61,523	19,120
New Brunswick	29,053	2,125,264	98,200,777	39,921,910	1,743,047	17.17	1,314	56,104	22,904
Canada									

ENERGY REQUIREMENTS DATA

by

Two Digit Major Group

and

Three Digit Industry Group

TABLE 1

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO

1978

1

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	2,216,219	7.67	1.61	1.23	2.04	.00	2.67
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	710,895	14.03	3.51	.60	5.15	.07	4.47
104 DAIRY PRODUCTS INDUSTRY.....	1,144,748	13.75	2.85	3.04	3.89	.00	3.82
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	362,010	13.07	.74	.30	4.36	.00	7.63
106 FEED INDUSTRY.....	527,059	12.22	2.45	2.24	3.28	.00	4.07
107 BAKERY PRODUCTS INDUSTRIES.....	502,610	19.67	2.38	4.59	7.50	.00	5.19
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	1,065,878	17.94	2.40	2.53	8.57	.00	4.33
1 FOOD AND BEVERAGE INDUSTRIES.....	8,556,531	13.82	2.09	1.75	5.53	.01	4.17
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....				CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	557,109	5.08	.72	.53	1.10	.00	2.60
162 RUBBER PRODUCTS INDUSTRIES.....	997,630	22.37	3.45	1.63	6.96	.00	10.06
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	985,178	19.63	1.37	.64	4.57	.00	11.34
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	1,982,807	21.01	2.42	1.14	5.77	.00	10.69
172 LEATHER TANNERIES.....	134,305	20.90	6.27	.13	8.28	.00	6.06
174 SHOE FACTORIES.....	245,404	6.14	.70	.21	1.52	.00	3.71
175 LEATHER GLOVE FACTORIES.....	6,544	6.36	.32	.83	2.76	.00	2.34

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1978

2

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$'000's)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	77,038	7.52	.73	.61	1.88	.00	4.28
4 LEATHER INDUSTRIES.....	463,290	10.65	2.32	.26	3.56	.00	4.46
181 COTTON YARN AND CLOTH MILLS.....							
182 WOOL YARN AND CLOTH MILLS.....	53,809	24.11	.34	.57	13.58	.00	9.62
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	545,562	43.82	10.31	.20	15.06	.00	18.18
184 CORDAGE AND TWINE INDUSTRY.....	12,954	14.99	2.36	.40	.97	.00	11.12
185 FELT AND FIBRE PROCESSING MILLS.....	41,206	25.78	2.75	.45	12.04	.00	10.48
186 CARPET, MAT AND RUG INDUSTRY.....							
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	39,460	7.32	1.47	1.49	1.49	.00	2.82
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	423,727	6.96	.73	.10	2.52	.00	3.17
189 MISCELLANEOUS TEXTILE INDUSTRIES.....							
5 TEXTILE INDUSTRIES.....	1,602,257	24.17	4.25	.32	9.19	.00	9.96
231 HOSIERY MILLS.....	52,234	13.82	1.99	.05	4.30	.00	7.48
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	161,019	17.78	2.95	.19	8.31	.00	6.27
6 KNITTING MILLS.....	213,252	16.81	2.71	.15	7.33	.00	6.56
243 MEN'S CLOTHING INDUSTRIES.....	396,928	4.00	.65	.23	.92	.00	2.09
244 WOMEN'S CLOTHING INDUSTRIES.....							
245 CHILDREN'S CLOTHING INDUSTRY.....							
246 FUR GOODS INDUSTRY.....	31,285	1.66	.07	.26	.02	.00	1.31

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1978

3

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
CONFIDENTIAL							
248 FOUNDATION GARMENT INDUSTRY.....							
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	38,031	7.65	.55	.77	2.53	.00	3.66
7 CLOTHING INDUSTRIES.....	754,687	4.07	.48	.30	.88	.01	2.27
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	396,084	29.61	9.07	4.75	3.55	.00	11.47
252 VENEER AND PLYWOOD MILLS.....	88,946	24.06	2.86	1.74	8.98	.10	9.91
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	328,704	13.12	1.78	3.23	2.29	.00	5.65
256 WOODEN BOX FACTORIES.....	98,567	15.00	4.04	2.74	2.42	.00	4.85
258 COFFIN AND CASKET INDUSTRY.....	6,027	21.20	2.39	9.62	4.32	.00	4.80
259 MISCELLANEOUS WOOD INDUSTRIES.....	159,634	49.64	2.70	1.12	22.97	.00	16.24
8 WOOD INDUSTRIES.....	1,077,961	25.71	4.90	3.34	6.39	.01	9.63
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	457,313	9.45	1.31	.81	2.63	.02	4.52
264 OFFICE FURNITURE MANUFACTURERS.....	148,768	12.20	1.01	.46	5.76	.00	4.80
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	242,047	8.93	.92	1.31	3.16	.00	3.51
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	19,696	9.14	.42	1.19	2.07	.00	5.46
9 FURNITURE AND FIXTURE INDUSTRIES.....	867,824	9.77	1.13	.90	3.30	.01	4.31
271 PULP AND PAPER MILLS.....	1,780,255	118.26	15.19	.30	50.10	3.39	45.72
272 ASPHALT ROOFING MANUFACTURERS.....	53,478	20.06	3.88	.36	11.79	.00	4.03
273 PAPER BOX & BAG MANUFACTURERS.....	724,944	12.37	.91	1.18	4.25	.00	5.66
274 MISCELLANEOUS PAPER CONVERTERS.....	587,020	14.05	.84	.59	5.95	.00	6.51

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO

1978

4

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$'000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
10 PAPER AND ALLIED INDUSTRIES.....	3,145,697	72.74	9.03	.56	30.64	1.92 28.46
286 COMMERCIAL PRINTING.....	975,095	8.12	.48	.96	2.07	.00 4.15
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	132,283	9.06	.49	2.38	1.54	.00 4.46
288 PUBLISHING ONLY.....	304,929	.00	.00	.00	.00	.00 .00
289 PUBLISHING AND PRINTING.....	636,382	7.55	.30	1.83	1.12	.00 4.10
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES....	2,048,689	6.79	.35	1.18	1.43	.00 3.54
291 IRON AND STEEL MILLS.....	3,937,296	53.53	11.87	.18	20.89	.00 19.00
292 STEEL PIPE AND TUBE MILLS.....	325,625	16.26	.86	.15	8.25	.00 6.86
294 IRON FOUNDRIES.....	347,981	40.63	1.88	.35	10.81	.15 23.63
295 SMELTING AND REFINING.....	330,746	186.52	30.04	.45	55.84	9.21 90.54
296 ALUMINUM ROLLING, CASTING AND EXTRUDING....	381,785	21.75	3.35	.27	7.79	.00 9.75
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	5,912,146	52.94	10.30	.28	19.44	.56 20.95
301 BOILER AND PLATE WORKS.....	393,950	6.82	.85	.46	2.51	.00 2.94
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	274,754	11.53	1.98	2.24	2.96	.00 4.09
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	438,094	9.39	.92	1.39	2.80	.00 4.14
304 METAL STAMPING, PRESSING AND COATING IND....	1,520,423	12.73	.72	.65	6.01	.00 5.06
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	712,922	16.38	.37	.25	7.87	.00 7.16

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO

1978

5

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	521,238	10.78	.41	.89	3.88	.01
307 HEATING EQUIPMENT MANUFACTURERS.....	162,009	9.28	.23	.51	3.81	.00
308 MACHINE SHOPS.....	164,218	10.04	1.10	2.20	1.99	.04
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	927,663	16.76	1.96	.95	7.52	.02
13 METAL FABRICATING INDUSTRIES.....	5,115,271	12.77	.95	.85	5.42	.01
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	568,353	14.67	1.48	.41	7.22	.00
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	2,250,140	7.59	.66	.50	2.59	.00
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	159,636	7.09	.32	.66	3.08	.00
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	389,304	6.92	.14	1.78	1.34	.00
14 MACHINERY INDUSTRIES.....	3,367,434	8.68	.72	.64	3.25	.00
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	451,385	10.04	2.28	.39	2.33	.00
323 MOTOR VEHICLE MANUFACTURERS.....	8,750,579	4.27	.82	.30	1.13	.31
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	314,869	7.00	.70	1.04	2.33	.00
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	4,617,798	13.14	.90	.23	4.04	.04
326 RAILROAD ROLLING STOCK INDUSTRY.....	302,008	11.22	2.21	.23	4.35	.00
327 SHIPBUILDING AND REPAIR.....	93,206	9.96	.49	1.14	2.32	.00
328 BOATBUILDING AND REPAIR.....	43,846	10.01	1.28	1.95	1.61	.00
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	3,670	10.25	.00	2.25	3.64	.00
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	14,577,361	7.52	.92	.31	2.19	.20

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO

1978

6

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	232,141	11.09	.43	.31	5.97	.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	490,590	11.71	.78	.01	6.06	.00
333 MANUFACTURERS OF LIGHTING FIXTURES.....	78,705	7.35	.51	.66	2.68	.00
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	156,475	3.18	.36	.01	.93	.00
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	986,058	6.45	.51	.22	1.56	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	832,053	10.55	.88	.32	3.87	.00
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	414,712	14.18	.63	.10	4.59	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	396,146	13.15	.84	.72	4.69	.00
16 ELECTRICAL PRODUCTS INDUSTRIES.....	3,586,882	9.93	.67	.26	3.69	.00
351 CLAY PRODUCTS MANUFACTURERS.....	104,761	106.62	5.82	1.65	79.37	.00
352 CEMENT MANUFACTURERS.....	175,284	234.74	42.33	.32	64.40	66.69
353 STONE PRODUCTS MANUFACTURERS.....	8,851	10.44	.27	3.52	2.47	.00
354 CONCRETE PRODUCTS MANUFACTURERS.....	193,851	40.10	13.80	7.23	11.34	.09
355 READY-MIX CONCRETE MANUFACTURERS.....	243,547	25.22	15.85	2.91	2.74	.00
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	447,460	57.11	.36	.30	40.98	.00
357 ABRASIVES MANUFACTURERS.....	135,967	104.77	.94	.47	6.50	.00
358 LIME MANUFACTURERS.....	39,912	314.24	170.32	.83	92.16	23.90
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	297,244	74.22	20.06	.81	29.02	2.24
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	1,646,876	85.45	16.77	1.72	32.80	8.09
						24.72

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1978

7

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
365 PETROLEUM REFINERIES.....	3,363,527	14.54	.17	.06	6.32	.00
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	14,484	60.18	28.96	.16	19.16	.00
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	3,378,011	14.73	.29	.06	6.37	.00
372 MANUFACTURERS OF MIXED FERTILIZERS.....	77,955	7.14	.15	3.14	.41	.00
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	382,722	38.99	.88	.16	10.08	.00
374 MFRS PHARMACEUTICALS AND MEDICINES.....	479,823	9.68	.59	1.25	3.53	.00
375 PAINT AND VARNISH MANUFACTURERS.....	341,801	9.07	1.98	.70	2.33	.00
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	589,095	11.52	2.78	.21	4.72	.00
377 MANUFACTURERS OF TOILET PREPARATIONS.....	173,704	7.05	1.60	.63	2.06	.00
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	1,673,649	146.22	13.66	.32	55.23	.04
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	658,337	13.30	3.06	.95	3.85	.00
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	4,377,086	65.05	7.13	.58	23.87	.02
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	703,530	7.69	2.01	.76	1.13	.00
392 JEWELLERY AND SILVERWARE INDUSTRY.....	439,634	3.10	.07	.28	1.06	.00
393 SPORTING GOODS AND TOY INDUSTRIES.....	235,582	11.41	1.61	.99	3.46	.00
397 SIGNS AND DISPLAYS INDUSTRY.....	94,410	14.68	.76	4.68	4.08	.00
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	415,928	13.34	1.17	.84	5.21	.00
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1,889,083	8.68	1.26	.89	2.45	.00
-----ALL MANUFACTURING INDUSTRIES-----	65,120,257	23.59	3.28	.73	8.76	.40

***** NOTE : END OF TABLE 1 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 2

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1978

8

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$'000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	444,054	38.30	8.02	6.14	10.20	.00	13.32
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL				
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	273,483	36.47	9.11	1.55	13.39	.18	11.60
104 DAIRY PRODUCTS INDUSTRY.....	261,603	60.16	12.45	13.31	17.03	.00	16.70
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	132,456	35.72	2.01	.81	11.90	.00	20.85
106 FEED INDUSTRY.....	119,980	53.67	10.76	9.85	14.39	.00	17.88
107 BAKERY PRODUCTS INDUSTRIES.....	254,504	38.85	4.70	9.06	14.80	.00	10.25
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL				
109 BEVERAGE INDUSTRIES.....	656,593	29.11	3.89	4.11	13.91	.00	7.02
1 FOOD AND BEVERAGE INDUSTRIES.....	2,875,618	41.12	6.20	5.21	16.44	.02	12.40
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL				
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL				
2 TOBACCO PRODUCTS INDUSTRIES.....	189,306	14.93	2.10	1.57	3.22	.00	7.65
162 RUBBER PRODUCTS INDUSTRIES.....	491,893	45.37	7.00	3.31	14.11	.00	20.39
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	456,935	42.32	2.95	1.37	9.86	.00	24.44
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	948,828	43.90	5.05	2.38	12.06	.00	22.34
172 LEATHER TANNERIES.....	44,906	62.49	18.75	.39	24.75	.00	18.11
174 SHOE FACTORIES.....	124,243	12.11	1.38	.40	3.00	.00	7.32
175 LEATHER GLOVE FACTORIES.....	3,529	11.80	.60	1.53	5.12	.00	4.34

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1978

9

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	39,209	14.77	1.43	1.20	3.70	.00 8.40
4 LEATHER INDUSTRIES.....	211,887	23.28	5.06	.57	7.77	.00 9.76
181 COTTON YARN AND CLOTH MILLS.....				CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	31,732	40.88	.57	.96	23.03	.00 16.30
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	239,391	99.86	23.49	.45	34.32	.00 41.43
184 CORDAGE AND TWINE INDUSTRY.....	6,229	31.17	4.90	.83	2.00	.00 23.11
185 FELT AND FIBRE PROCESSING MILLS.....	19,613	54.16	5.77	.94	25.29	.00 22.02
186 CARPET, MAT AND RUG INDUSTRY.....				CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	18,285	15.80	3.18	3.22	3.20	.00 6.08
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	197,724	14.92	1.55	.22	5.39	.00 6.79
189 MISCELLANEOUS TEXTILE INDUSTRIES.....				CONFIDENTIAL		
5 TEXTILE INDUSTRIES.....	726,787	53.28	9.36	.70	20.25	.00 21.96
231 HOSIERY MILLS.....	28,376	25.44	3.66	.09	7.91	.00 13.76
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	78,822	36.32	6.01	.38	16.98	.00 12.80
6 KNITTING MILLS.....	107,197	33.44	5.39	.30	14.58	.00 13.05
243 MEN'S CLOTHING INDUSTRIES.....	203,014	7.82	1.27	.44	1.80	.00 4.08
244 WOMEN'S CLOTHING INDUSTRIES.....				CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....				CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	11,651	4.46	.18	.70	.05	.00 3.51

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1978

10

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
248 FOUNDATION GARMENT INDUSTRY.....				CONFIDENTIAL		
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	22,128	13.14	.94	1.32	4.34	.00
7 CLOTHING INDUSTRIES.....	383,360	8.01	.94	.58	1.73	.01
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	197,297	59.43	18.21	9.54	7.12	.00
252 VENEER AND PLYWOOD MILLS.....	47,169	45.36	5.39	3.28	16.92	.19
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	146,668	29.41	3.99	7.23	5.12	.00
256 WOODEN BOX FACTORIES.....	44,437	33.26	8.96	6.07	5.37	.00
258 COFFIN AND CASKET INDUSTRY.....	3,518	36.32	4.09	16.48	7.40	.00
259 MISCELLANEOUS WOOD INDUSTRIES.....	72,010	110.05	5.98	2.47	50.92	.00
8 WOOD INDUSTRIES.....	511,099	54.21	10.32	7.05	13.47	.01
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	233,620	18.49	2.55	1.58	5.14	.03
264 OFFICE FURNITURE MANUFACTURERS.....	83,120	21.84	1.80	.82	10.31	.00
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	124,918	17.30	1.78	2.54	6.11	.00
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	10,068	17.88	.82	2.32	4.04	.00
9 FURNITURE AND FIXTURE INDUSTRIES.....	451,727	18.76	2.16	1.73	6.34	.01
271 PULP AND PAPER MILLS.....	742,298	283.63	36.43	.72	120.15	8.12
272 ASPHALT ROOFING MANUFACTURERS.....	19,372	55.38	10.70	.98	32.55	.00
273 PAPER BOX & BAG MANUFACTURERS.....	289,214	31.01	2.27	2.94	10.66	.00
274 MISCELLANEOUS PAPER CONVERTERS.....	256,570	32.15	1.91	1.34	13.61	.00

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1978

11

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
10 PAPER AND ALLIED INDUSTRIES.....	1,307,455	175.01	21.72	1.34	73.72	4.61 68.48
286 COMMERCIAL PRINTING.....	580,914	13.62	.80	1.61	3.47	.00 6.96
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	98,738	12.13	.65	3.19	2.06	.00 5.97
288 PUBLISHING ONLY.....	183,554	.00	.00	.00	.00	.00 .00
289 PUBLISHING AND PRINTING.....	467,508	10.27	.41	2.48	1.52	.00 5.58
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,330,713	10.45	.54	1.81	2.20	.00 5.44
291 IRON AND STEEL MILLS.....	1,653,559	127.45	28.26	.44	49.74	.00 45.23
292 STEEL PIPE AND TUBE MILLS.....	110,335	47.97	2.54	.43	24.34	.00 20.23
294 IRON FOUNDRIES.....	185,639	76.15	3.53	.65	20.25	.28 44.29
295 SMELTING AND REFINING.....	200,831	307.17	49.47	.73	91.96	15.16 149.10
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	87,354	95.07	14.66	1.18	34.03	.00 42.62
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	2,405,316	130.13	25.30	.69	47.79	1.38 51.48
301 BOILER AND PLATE WORKS.....	175,889	15.28	1.89	1.02	5.61	.00 6.58
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	143,013	22.15	3.80	4.30	5.69	.00 7.85
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	200,941	20.46	2.00	3.03	6.09	.00 9.01
304 METAL STAMPING, PRESSING AND COATING IND....	623,019	31.06	1.74	1.57	14.66	.00 12.35
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	307,706	37.94	.84	.57	18.23	.00 16.58

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1978

12

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$'000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	352,390	15.93	.60	1.31	5.73	.02
307 HEATING EQUIPMENT MANUFACTURERS.....	80,604	18.65	.46	1.03	7.65	.00
308 MACHINE SHOPS.....	109,340	15.08	1.65	3.30	2.99	.05
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	456,615	34.03	3.98	1.93	15.28	.03
13 METAL FABRICATING INDUSTRIES.....	2,449,518	26.66	1.99	1.78	11.31	.01
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	236,839	35.19	3.54	.99	17.31	.00
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1,115,673	15.30	1.33	1.01	5.22	.00
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	68,677	16.48	.73	1.54	7.15	.00
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	119,910	22.45	.45	5.77	4.34	.00
14 MACHINERY INDUSTRIES.....	1,541,099	18.96	1.57	1.40	7.09	.00
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	320,584	14.14	3.20	.54	3.28	.00
323 MOTOR VEHICLE MANUFACTURERS.....	1,660,572	22.50	4.32	1.57	5.96	1.62
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	120,382	18.29	1.82	2.71	6.10	.00
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	2,104,594	28.82	1.97	.51	8.87	.07
326 RAILROAD ROLLING STOCK INDUSTRY.....	119,410	28.37	5.59	.57	10.99	.00
327 SHIPBUILDING AND REPAIR.....	73,726	12.58	.61	1.44	2.92	.00
328 BOATBUILDING AND REPAIR.....	18,712	23.44	2.98	4.55	3.78	.00
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	1,801	20.88	.00	4.58	7.40	.00
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	4,419,781	24.79	3.02	1.01	7.23	.64

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1978

13

MAJOR GROUP, SIC & INDUSTRY GROUP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
	VALUE ADDED IN MFG ELECTRICITY (\$000'S)	TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	101,821	25.28	.98	.70	13.61	.00 9.82
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).	225,971	25.43	1.69	.02	13.15	.00 10.33
333 MANUFACTURERS OF LIGHTING FIXTURES.....	34,627	16.70	1.14	1.50	6.08	.00 7.96
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	76,471	6.50	.73	.01	1.90	.00 3.68
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	643,563	9.88	.77	.33	2.38	.00 6.33
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	470,571	18.64	1.55	.56	6.85	.00 9.48
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	124,864	47.07	2.08	.31	15.23	.00 28.45
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	210,977	24.68	1.58	1.35	8.81	.00 12.90
16 ELECTRICAL PRODUCTS INDUSTRIES.....	1,888,866	18.85	1.27	.49	7.00	.00 9.90
351 CLAY PRODUCTS MANUFACTURERS.....	67,580	165.28	9.01	2.56	123.03	.00 29.56
352 CEMENT MANUFACTURERS.....	104,215	394.82	71.20	.53	108.30	112.16 98.89
353 STONE PRODUCTS MANUFACTURERS.....	4,946	18.67	.48	6.30	4.41	.00 7.46
354 CONCRETE PRODUCTS MANUFACTURERS.....	105,631	73.58	25.31	13.25	20.81	.17 12.38
355 READY-MIX CONCRETE MANUFACTURERS.....	85,205	72.09	45.31	8.32	7.82	.00 10.50
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	265,528	96.23	.60	.49	69.06	.00 25.18
357 ABRASIVES MANUFACTURERS.....	56,461	252.30	2.27	1.12	15.64	.00 233.05
358 LIME MANUFACTURERS.....	23,725	528.63	286.53	1.40	155.04	40.20 45.45
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	156,397	141.05	38.12	1.53	55.15	4.25 33.54
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	869,689	161.81	31.75	3.26	62.10	15.32 46.81

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1978

14

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$'000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
365 PETROLEUM REFINERIES.....	429,467	113.85	1.32	.43	49.48	.00
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	4,276	203.81	98.09	.54	64.89	.00
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	433,743	114.74	2.27	.43	49.64	.00
372 MANUFACTURERS OF MIXED FERTILIZERS.....	19,460	28.61	.59	12.58	1.64	.00
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	95,112	156.87	36.14	.64	40.54	.00
374 MFRS PHARMACEUTICALS AND MEDICINES.....	326,651	14.21	.87	1.83	5.17	.00
375 PAINT AND VARNISH MANUFACTURERS.....	166,899	18.57	4.04	1.42	4.77	.00
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	306,766	22.14	5.33	.39	9.05	.00
377 MANUFACTURERS OF TOILET PREPARATIONS.....	116,228	10.53	2.39	.93	3.08	.00
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	633,052	386.56	36.10	.84	146.01	.10
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	294,745	29.71	6.83	2.12	8.58	.00
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	1,958,913	145.34	15.92	1.29	53.33	.03
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	384,061	14.09	3.67	1.39	2.07	.00
392 JEWELLERY AND SILVERWARE INDUSTRY.....	113,473	12.02	.27	1.10	4.11	.00
393 SPORTING GOODS AND TOY INDUSTRIES.....	117,738	22.83	3.21	1.97	6.92	.00
397 SIGNS AND DISPLAYS INDUSTRY.....	57,486	24.10	1.24	7.68	6.69	.00
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	226,890	24.45	2.14	1.54	9.54	.00
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	899,648	18.22	2.64	1.87	5.14	.00
-----ALL MANUFACTURING INDUSTRIES-----	25,910,549	59.29	8.23	1.84	22.01	.99

***** NOTE : END OF TABLE 2 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 3

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO

1978

15

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	1.11	1.67	5.70	0.79	1.04	1.79	3.40							
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL										
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	0.65	1.17	0.89	0.64	0.56	1.06	1.09							
104 DAIRY PRODUCTS INDUSTRY.....	1.02	1.53	7.28	0.78	0.77	1.01	1.76							
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	0.31	0.12	0.23	0.28	0.49	0.35	0.56							
106 FEED INDUSTRY.....	0.42	0.61	2.47	0.30	0.38	0.37	0.81							
107 BAKERY PRODUCTS INDUSTRIES.....	0.64	0.56	4.82	0.66	0.46	1.51	0.77							
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL										
109 BEVERAGE INDUSTRIES.....	1.24	1.20	5.65	1.60	0.82	1.41	1.64							
1 FOOD AND BEVERAGE INDUSTRIES.....	7.70	8.36	31.35	8.29	6.30	9.66	13.14							
151 LEAF TOBACCO PROCESSORS.....														
153 TOBACCO PRODUCTS MANUFACTURERS.....														
2 TOBACCO PRODUCTS INDUSTRIES.....	0.18	0.19	0.62	0.11	0.26	0.39	0.86							
162 RUBBER PRODUCTS INDUSTRIES.....	1.45	1.61	3.40	1.22	1.77	2.11	1.53							
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	1.26	0.63	1.31	0.79	1.97	2.26	1.51							
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	2.71	2.25	4.72	2.01	3.74	4.37	3.04							
172 LEATHER TANNERIES.....	0.18	0.39	0.04	0.19	0.14	0.21	0.21							
174 SHOE FACTORIES.....	0.10	0.08	0.11	0.07	0.16	0.94	0.38							
175 LEATHER GLOVE FACTORIES.....	0.00	0.00	0.01	0.00	0.00	0.03	0.01							

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1978 16

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	0.04	0.03	0.10	0.03	0.06	0.27	0.12							
4 LEATHER INDUSTRIES.....	0.32	0.50	0.25	0.29	0.37	1.45	0.71							
181 COTTON YARN AND CLOTH MILLS.....				CONFIDENTIAL										
182 WOOL YARN AND CLOTH MILLS.....	0.08	0.01	0.06	0.13	0.09	0.17	0.08							
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	1.56	2.64	0.23	1.44	1.75	1.00	0.84							
184 CORDAGE AND TWINE INDUSTRY.....	0.01	0.01	0.01	0.00	0.03	0.04	0.02							
185 FELT AND FIBRE PROCESSING MILLS.....	0.07	0.05	0.04	0.09	0.08	0.12	0.06							
186 CARPET, MAT AND RUG INDUSTRY.....				CONFIDENTIAL										
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	0.02	0.03	0.12	0.01	0.02	0.15	0.06							
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	0.19	0.14	0.09	0.19	0.24	0.77	0.65							
189 MISCELLANEOUS TEXTILE INDUSTRIES.....				CONFIDENTIAL										
5 TEXTILE INDUSTRIES.....	2.52	3.19	1.08	2.58	2.82	3.45	2.46							
231 HOSIERY MILLS.....	0.05	0.05	0.01	0.04	0.07	0.20	0.08							
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	0.19	0.22	0.06	0.23	0.18	0.59	0.25							
6 KNITTING MILLS.....	0.23	0.27	0.07	0.27	0.25	0.79	0.33							
243 MEN'S CLOTHING INDUSTRIES.....	0.10	0.12	0.19	0.06	0.15	1.48	0.61							
244 WOMEN'S CLOTHING INDUSTRIES.....				CONFIDENTIAL										
245 CHILDREN'S CLOTHING INDUSTRY.....				CONFIDENTIAL										
246 FUR GOODS INDUSTRY.....	0.00	0.00	0.02	0.00	0.01	0.06	0.05							

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO

1978

17

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS		ELECTRICITY (%)	TOTAL EMPLOYEES (%)	SHIPMENTS OF OWN MANUFACTURE (%)	
				(%)	(%)			(%)	(%)
248 FOUNDATION GARMENT INDUSTRY.....	0.02	0.01	0.06	0.02	0.02	0.02	0.16	0.06	
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	0.20	0.17	0.47	0.12	0.30	0.30	2.80	1.16	
7 CLOTHING INDUSTRIES.....	0.76	1.68	3.94	0.25	0.80	0.80	0.78	0.61	
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	0.14	0.12	0.32	0.14	0.16	0.16	0.26	0.14	
252 VENEER AND PLYWOOD MILLS.....	0.28	0.27	2.22	0.13	0.33	0.33	0.81	0.50	
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	0.10	0.19	0.56	0.04	0.08	0.08	0.26	0.15	
256 WOODEN BOX FACTORIES.....	0.01	0.01	0.12	0.00	0.01	0.01	0.02	0.01	
258 COFFIN AND CASKET INDUSTRY.....	0.52	0.20	0.37	0.64	0.46	0.46	0.35	0.25	
259 MISCELLANEOUS WOOD INDUSTRIES.....	1.80	2.47	7.53	1.21	1.83	1.83	2.49	1.66	
8 WOOD INDUSTRIES.....	0.28	0.28	0.78	0.21	0.36	0.36	1.45	0.70	
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	0.12	0.07	0.14	0.15	0.13	0.13	0.37	0.23	
264 OFFICE FURNITURE MANUFACTURERS.....	0.14	0.10	0.66	0.13	0.15	0.15	0.65	0.37	
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	0.01	0.00	0.05	0.01	0.02	0.02	0.07	0.03	
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	0.55	0.46	1.63	0.50	0.66	0.66	2.54	1.33	
9 FURNITURE AND FIXTURE INDUSTRIES.....	13.70	12.68	1.13	15.63	14.38	14.38	2.52	2.73	
271 PULP AND PAPER MILLS.....	0.07	0.10	0.04	0.11	0.04	0.04	0.04	0.08	
272 ASPHALT ROOFING MANUFACTURERS.....	0.58	0.31	1.78	0.54	0.72	0.72	1.38	1.11	
273 PAPER BOX & BAG MANUFACTURERS.....	0.54	0.23	0.72	0.61	0.68	0.68	1.19	0.90	
274 MISCELLANEOUS PAPER CONVERTERS.....									

CONFIDENTIAL

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO

1978

18

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
10 PAPER AND ALLIED INDUSTRIES.....	14.89	13.31	3.67	16.90	15.81	5.13	4.83							
286 COMMERCIAL PRINTING.....	0.52	0.22	1.96	0.35	0.72	2.73	1.50							
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	0.08	0.03	0.66	0.04	0.10	0.44	0.20							
288 PUBLISHING ONLY.....	0.00	0.00	0.00	0.00	0.00	0.69	0.47							
289 PUBLISHING AND PRINTING.....	0.31	0.09	2.43	0.13	0.46	1.81	0.98							
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES....	0.91	0.34	5.05	0.51	1.28	5.67	3.15							
291 IRON AND STEEL MILLS.....	13.72	21.90	1.52	14.42	13.21	4.91	6.05							
292 STEEL PIPE AND TUBE MILLS.....	0.34	0.13	0.10	0.47	0.39	0.35	0.50							
294 IRON FOUNDRIES.....	0.92	0.31	0.25	0.66	1.45	0.81	0.53							
295 SMELTING AND REFINING.....	4.02	4.66	0.31	3.24	5.29	0.80	0.51							
296 ALUMINUM ROLLING, CASTING AND EXTRUDING....	0.54	0.60	0.22	0.52	0.66	0.50	0.59							
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.														
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.														
12 PRIMARY METAL INDUSTRIES.....	20.37	28.53	3.48	20.15	21.87	8.14	9.08							
301 BOILER AND PLATE WORKS.....	0.17	0.16	0.38	0.17	0.20	0.61	0.60							
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	0.21	0.26	1.29	0.14	0.20	0.60	0.42							
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	0.27	0.19	1.28	0.21	0.32	0.91	0.67							
304 METAL STAMPING, PRESSING AND COATING IND....	1.26	0.51	2.06	1.60	1.36	2.46	2.33							
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	0.76	0.12	0.37	0.98	0.90	1.34	1.09							

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TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO

1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY (%)	TOTAL EMPLOYEES (%)	SHIPMENTS OF OWN MANUFACTURE (%)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS.....	0.37	0.10	0.97	0.35	0.49	1.50	0.80
307 HEATING EQUIPMENT MANUFACTURERS.....	0.10	0.02	0.17	0.11	0.13	0.36	0.25
308 MACHINE SHOPS.....	0.11	0.08	0.75	0.06	0.13	0.53	0.25
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	1.01	0.85	1.85	1.22	0.98	1.99	1.42
13 METAL FABRICATING INDUSTRIES.....	4.25	2.29	9.11	4.86	4.71	10.30	7.86
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	0.54	0.39	0.49	0.72	0.54	1.09	0.87
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1.11	0.70	2.36	1.02	1.46	4.32	3.46
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	0.07	0.02	0.22	0.09	0.08	0.31	0.25
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	0.18	0.03	1.45	0.09	0.25	0.67	0.60
14 MACHINERY INDUSTRIES.....	1.90	1.14	4.52	1.92	2.34	6.39	5.17
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	0.30	0.48	0.37	0.18	0.40	1.28	0.69
323 MOTOR VEHICLE MANUFACTURERS.....	2.43	3.37	5.45	1.74	2.60	4.75	13.44
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	0.14	0.10	0.68	0.13	0.15	0.58	0.48
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	3.95	1.94	2.27	3.27	5.74	6.23	7.09
326 RAILROAD ROLLING STOCK INDUSTRY.....	0.22	0.31	0.14	0.23	0.23	0.49	0.46
327 SHIPBUILDING AND REPAIR.....	0.06	0.02	0.22	0.04	0.09	0.22	0.14
328 BOATBUILDING AND REPAIR.....	0.03	0.03	0.18	0.01	0.03	0.12	0.07
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	0.00	0.00	0.02	0.00	0.00	0.01	0.01
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	7.13	6.26	9.33	5.60	9.24	13.68	22.39

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO

1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY (%)	EMPLOYEES (%)	TOTAL (%)	SHIPMENTS OF OWN MANUFACTURE (%)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	0.17	0.05	0.15	0.24	0.18	0.50	0.36	0.36
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).	0.37	0.18	0.01	0.52	0.41	0.93	0.75	0.75
333 MANUFACTURERS OF LIGHTING FIXTURES.....	0.04	0.02	0.11	0.04	0.05	0.18	0.12	0.12
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	0.03	0.03	0.00	0.03	0.05	0.24	0.24	0.24
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	0.41	0.23	0.45	0.27	0.72	2.71	1.51	1.51
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	0.57	0.34	0.55	0.57	0.79	2.33	1.28	1.28
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	0.38	0.12	0.08	0.33	0.63	0.56	0.64	0.64
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	0.34	0.16	0.60	0.33	0.48	1.15	0.61	0.61
16 ELECTRICAL PRODUCTS INDUSTRIES.....	2.32	1.13	1.95	2.32	3.30	8.60	5.51	5.51
351 CLAY PRODUCTS MANUFACTURERS.....	0.73	0.29	0.36	1.46	0.35	0.28	0.16	0.16
352 CEMENT MANUFACTURERS.....	2.68	3.48	0.12	1.98	1.82	0.15	0.27	0.27
353 STONE PRODUCTS MANUFACTURERS.....	0.01	0.00	0.07	0.00	0.01	0.02	0.01	0.01
354 CONCRETE PRODUCTS MANUFACTURERS.....	0.51	1.25	2.93	0.39	0.23	0.47	0.30	0.30
355 READY-MIX CONCRETE MANUFACTURERS.....	0.40	1.81	1.48	0.12	0.16	0.32	0.37	0.37
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	1.66	0.08	0.28	3.21	1.18	0.86	0.69	0.69
357 ABRASIVES MANUFACTURERS.....	0.93	0.06	0.13	0.15	2.32	0.25	0.21	0.21
358 LIME MANUFACTURERS.....	0.82	3.19	0.07	0.64	0.19	0.04	0.06	0.06
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1.44	2.79	0.50	1.51	0.93	0.61	0.46	0.46
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	9.16	12.94	5.93	9.47	7.19	3.01	2.53	2.53

TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1978 21

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	ELECTRICITY	TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
365 PETROLEUM REFINERIES.....	3.18	0.27	0.39	3.73	3.88	1.24	5.17
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	0.06	0.20	0.00	0.05	0.03	0.01	0.02
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	3.24	0.46	0.40	3.77	3.91	1.25	5.19
372 MANUFACTURERS OF MIXED FERTILIZERS.....	0.04	0.01	0.51	0.01	0.04	0.07	0.12
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	0.97	1.61	0.13	0.68	1.06	0.31	0.59
374 MFRS PHARMACEUTICALS AND MEDICINES.....	0.30	0.13	1.25	0.30	0.36	0.89	0.74
375 PAINT AND VARNISH MANUFACTURERS.....	0.20	0.32	0.50	0.14	0.21	0.45	0.52
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	0.44	0.77	0.25	0.49	0.33	0.67	0.90
377 MANUFACTURERS OF TOILET PREPARATIONS.....	0.08	0.13	0.23	0.06	0.08	0.39	0.27
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	15.93	10.71	1.12	16.20	9.88	1.63	2.57
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	0.57	0.94	1.31	0.44	0.53	0.96	1.01
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	18.53	14.62	5.30	18.31	12.50	5.37	6.72
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	0.35	0.66	1.12	0.14	0.46	1.80	1.08
392 JEWELLERY AND SILVERWARE INDUSTRY.....	0.09	0.01	0.26	0.08	0.13	0.51	0.68
393 SPORTING GOODS AND TOY INDUSTRIES.....	0.18	0.18	0.49	0.14	0.22	0.66	0.36
397 SIGNS AND DISPLAYS INDUSTRY.....	0.09	0.03	0.92	0.07	0.08	0.38	0.14
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	0.36	0.23	0.73	0.38	0.42	1.17	0.64
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1.07	1.12	3.52	0.81	1.31	4.52	2.90
-----ALL MANUFACTURING INDUSTRIES-----	100.00	100.00	100.00	100.00	100.00	100.00	100.00

***** NOTE : END OF TABLE 3 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 4

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1973

22

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	15,732	1,081.18	226.64	173.32	287.93	.00	376.03
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES....	9,353	1,066.61	266.61	45.49	391.54	5.31	339.46
104 DAIRY PRODUCTS INDUSTRY.....	8,902	1,768.17	366.03	391.24	500.61	.00	490.86
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	3,046	1,553.34	87.41	35.57	517.84	.00	907.08
106 FEED INDUSTRY.....	3,284	1,960.84	393.25	360.11	526.03	.00	653.39
107 BAKERY PRODUCTS INDUSTRIES.....	13,314	742.71	89.98	173.19	283.04	.00	196.07
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	12,458	1,534.69	205.33	216.84	733.18	.00	370.48
1 FOOD AND BEVERAGE INDUSTRIES.....	85,096	1,389.58	209.73	176.29	555.63	.83	419.05
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....				CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	3,393	833.51	117.66	87.66	180.07	.00	426.82
162 RUBBER PRODUCTS INDUSTRIES.....	18,594	1,200.29	185.27	87.62	373.32	.00	539.61
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	19,872	973.22	68.02	31.66	226.78	.00	562.13
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	38,466	1,082.99	124.70	58.71	297.62	.00	551.24
172 LEATHER TANNERIES.....	1,839	1,526.05	457.96	9.69	604.56	.00	442.24
174 SHOE FACTORIES.....	8,269	182.10	20.78	6.09	45.15	.00	110.06
175 LEATHER GLOVE FACTORIES.....	256	162.68	8.28	21.17	70.63	.00	59.85

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1978

23

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	2,393	242.09	23.55	19.78	60.63	.00 137.73
4 LEATHER INDUSTRIES.....	12,757	386.70	84.07	9.48	129.21	.00 162.13
181 COTTON YARN AND CLOTH MILLS.....				CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	1,468	883.84	12.51	20.95	497.86	.00 352.51
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	8,798	2,717.26	639.20	12.43	933.96	.00 1,127.47
184 CORDAGE AND TWINE INDUSTRY.....	325	597.43	94.08	16.05	38.50	.00 443.08
185 FELT AND FIBRE PROCESSING MILLS.....	1,042	1,019.56	108.72	17.76	476.18	.00 414.47
186 CARPET, MAT AND RUG INDUSTRY.....				CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	1,289	224.15	45.11	45.71	45.49	.00 86.37
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	6,816	432.88	45.20	6.43	156.61	.00 197.16
189 MISCELLANEOUS TEXTILE INDUSTRIES.....				CONFIDENTIAL		
5 TEXTILE INDUSTRIES.....	30,414	1,273.23	223.69	16.96	483.98	.00 524.91
231 HOSIERY MILLS.....	1,791	403.09	58.02	1.51	125.39	.00 218.15
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	5,187	552.01	91.43	5.82	258.07	.00 194.51
6 KNITTING MILLS.....	6,978	513.79	82.86	4.71	224.02	.00 200.58
243 MEN'S CLOTHING INDUSTRIES.....	13,017	122.06	19.87	6.99	28.13	.00 63.69
244 WOMEN'S CLOTHING INDUSTRIES.....				CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....				CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	486	106.93	4.40	16.97	1.40	.00 84.15

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1978

24

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
248 FOUNDATION GARMENT INDUSTRY.....				CONFIDENTIAL		
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	1,426	203.92	14.68	20.51	67.34	.00 97.73
7 CLOTHING INDUSTRIES.....	24,669	124.53	14.71	9.06	26.95	.19 69.29
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS..	6,888	1,702.50	521.61	273.36	203.96	.00 659.43
252 VENEER AND PLYWOOD MILLS.....	2,317	923.63	109.73	66.93	344.59	3.88 380.28
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	7,169	601.73	81.68	147.98	104.88	.00 258.90
256 WOODEN BOX FACTORIES.....	2,312	639.36	172.40	116.69	103.29	.00 206.93
258 COFFIN AND CASKET INDUSTRY.....	210	608.53	68.60	276.14	123.96	.00 137.69
259 MISCELLANEOUS WOOD INDUSTRIES.....	3,046	2,601.76	141.57	58.47	1,203.82	.00 851.23
8 WOOD INDUSTRIES.....	21,942	1,262.95	240.49	164.29	313.87	.41 473.04
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	12,793	337.79	46.74	29.02	94.04	.56 161.44
264 OFFICE FURNITURE MANUFACTURERS.....	3,254	557.97	46.01	21.12	263.43	.00 219.40
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	5,733	377.02	38.92	55.45	133.34	.00 148.36
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	613	293.69	13.55	38.25	66.43	.00 175.45
9 FURNITURE AND FIXTURE INDUSTRIES.....	22,393	378.62	43.72	34.89	127.96	.32 166.90
271 PULP AND PAPER MILLS.....	22,177	9,493.54	1,219.59	24.36	4,021.64	272.00 3,670.37
272 ASPHALT ROOFING MANUFACTURERS.....	396	2,709.66	523.86	48.26	1,592.78	.00 544.75
273 PAPER BOX & BAG MANUFACTURERS.....	12,163	737.36	54.02	70.07	253.58	.00 337.24
274 MISCELLANEOUS PAPER CONVERTERS.....	10,473	787.66	46.97	32.92	333.50	.00 365.09

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1978

25

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
10 PAPER AND ALLIED INDUSTRIES.....	45,209	5,061.58	628.26	38.85	2,132.22	133.42	1,980.55
286 COMMERCIAL PRINTING.....	24,036	329.30	19.46	38.99	83.95	.00	168.45
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	3,888	308.17	16.68	81.03	52.32	.00	151.69
288 PUBLISHING ONLY.....	6,083	.00	.00	.00	.00	.00	.00
289 PUBLISHING AND PRINTING.....	15,933	301.59	12.04	72.98	44.88	.00	163.92
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES....	49,940	278.70	14.51	48.36	58.80	.00	145.18
291 IRON AND STEEL MILLS.....	43,278	4,869.90	1,079.77	16.81	1,900.56	.00	1,728.23
292 STEEL PIPE AND TUBE MILLS.....	3,068	1,725.44	91.56	15.54	875.47	.00	727.58
294 IRON FOUNDRIES.....	7,152	1,976.64	91.68	17.02	525.72	7.27	1,149.70
295 SMELTING AND REFINING.....	7,023	8,783.99	1,414.88	21.01	2,629.74	433.62	4,263.91
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	4,426	1,876.49	289.38	23.43	671.70	.00	841.18
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.							
12 PRIMARY METAL INDUSTRIES.....	71,668	4,367.56	849.41	23.23	1,604.02	46.35	1,727.96
301 BOILER AND PLATE WORKS.....	5,386	499.03	61.85	33.37	183.25	.00	215.03
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	5,278	600.34	103.10	116.64	154.28	.00	212.75
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	8,026	512.37	50.28	76.04	152.56	.00	225.82
304 METAL STAMPING, PRESSING AND COATING IND....	21,650	894.00	50.34	45.45	421.93	.00	355.60
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	11,783	990.98	22.18	15.04	476.26	.00	433.16

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1978

26

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		FUEL OIL ELECTRICITY	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	13,183	426.02	16.12	35.23	153.22	.57
307 HEATING EQUIPMENT MANUFACTURERS.....	3,172	473.95	11.84	26.21	194.41	.00
308 MACHINE SHOPS.....	4,674	352.87	38.60	77.23	70.07	1.23
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	17,549	885.69	103.59	50.43	397.72	.89
13 METAL FABRICATING INDUSTRIES.....	90,701	720.08	53.81	48.07	305.57	.32
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	9,571	870.98	87.78	24.58	428.49	.00
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	38,080	448.32	39.03	29.70	153.02	.04
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	2,744	412.48	18.45	38.63	179.16	.00
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	5,886	457.55	9.22	117.58	88.45	.00
14 MACHINERY INDUSTRIES.....	56,281	519.41	43.20	38.46	194.39	.02
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	11,243	403.24	91.36	15.56	93.55	.00
323 MOTOR VEHICLE MANUFACTURERS.....	41,839	893.10	171.81	62.38	236.58	64.47
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	5,083	433.38	43.20	64.31	144.63	.00
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	54,863	1,105.90	75.58	19.77	340.42	2.96
326 RAILROAD ROLLING STOCK INDUSTRY.....	4,335	781.55	154.13	15.71	302.96	.00
327 SHIPBUILDING AND REPAIR.....	1,978	469.14	22.95	53.83	109.17	.00
328 BOATBUILDING AND REPAIR.....	1,079	406.65	51.81	79.05	65.56	.00
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	63	596.92	.00	131.11	211.77	.00
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	120,483	909.41	110.81	37.05	265.39	23.73
						434.45

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1978

27

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	4,390	586.45	22.85	16.35	315.72	.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	8,194	701.36	46.74	.62	362.89	.00
333 MANUFACTURERS OF LIGHTING FIXTURES.....	1,595	362.76	24.96	32.69	132.18	.00
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	2,090	238.17	26.77	.57	69.76	.00
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	23,899	266.21	20.95	8.95	64.35	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	20,541	427.15	35.59	12.88	156.95	.00
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	4,936	1,190.95	52.83	7.98	385.37	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	10,129	514.10	32.94	28.22	183.51	.00
16 ELECTRICAL PRODUCTS INDUSTRIES.....	75,774	470.08	31.74	12.33	174.72	.00
351 CLAY PRODUCTS MANUFACTURERS.....	2,504	4,460.81	243.33	69.11	3,320.58	.00
352 CEMENT MANUFACTURERS.....	1,324	31,077.52	5,604.50	42.12	8,525.24	8,828.53
353 STONE PRODUCTS MANUFACTURERS.....	212	435.72	11.40	147.15	102.93	.00
354 CONCRETE PRODUCTS MANUFACTURERS.....	4,087	1,897.30	652.73	341.87	536.65	4.43
355 READY-MIX CONCRETE MANUFACTURERS.....	2,845	2,159.27	1,357.00	249.22	234.25	.00
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	7,610	3,358.00	21.26	17.35	2,409.73	.00
357 ABRASIVES MANUFACTURERS.....	2,165	6,579.78	59.26	29.26	408.05	.00
358 LIME MANUFACTURERS.....	343	36,565.08	19,819.03	97.10	10,723.94	2,781.14
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	5,370	4,108.10	1,110.32	44.63	1,606.46	123.88
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	26,470	5,316.48	1,043.35	107.22	2,040.63	503.45
						1,538.21

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1978

28

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
365 PETROLEUM REFINERIES.....	10,951	4,465.07	51.90	17.19	1,940.83	.00
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	99	8,804.01	4,237.32	23.70	2,803.16	.00
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	11,050	4,503.94	89.39	17.25	1,948.55	.00
372 MANUFACTURERS OF MIXED FERTILIZERS.....	608	915.94	18.99	402.80	52.59	.00
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	2,729	5,467.42	1,259.67	22.47	1,413.06	.00
374 MFRS PHARMACEUTICALS AND MEDICINES.....	7,832	592.78	36.38	76.67	216.04	.00
375 PAINT AND VARNISH MANUFACTURERS.....	3,999	775.23	168.87	59.50	199.35	.00
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	5,887	1,153.69	277.75	20.72	472.10	.00
377 MANUFACTURERS OF TOILET PREPARATIONS.....	3,445	355.37	80.88	31.65	103.98	.00
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	14,399	16,995.53	1,587.44	37.06	6,419.41	4.74
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	8,418	1,040.50	239.42	74.53	300.74	.00
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	47,317	6,017.16	659.30	53.61	2,208.08	1.44
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	15,885	340.71	88.83	33.67	50.05	.00
392 JEWELLERY AND SILVERWARE INDUSTRY.....	4,516	302.12	6.84	27.64	103.34	.00
393 SPORTING GOODS AND TOY INDUSTRIES.....	5,800	463.62	65.34	40.07	140.62	.00
397 SIGNS AND DISPLAYS INDUSTRY.....	3,321	417.30	21.62	132.94	115.86	.00
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	10,283	539.51	47.31	34.16	210.62	.00
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	39,805	411.99	59.77	42.33	116.26	.00
-----ALL MANUFACTURING INDUSTRIES-----	880,806	1,744.25	242.24	54.32	647.71	29.21

***** NOTE : END OF TABLE 4 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 5

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1978

29

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	LIQUID PETROLEUM		NATURAL GAS		COAL (%)
			GASOLINE (%)	(%)	(%)	(%)	
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	17,009	20.97	16.04	0.93	26.64	0.00	34.79
102 FISH PRODUCTS INDUSTRY.....							
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	9,976	25.00	4.27	1.59	36.71	0.49	31.83
104 DAIRY PRODUCTS INDUSTRY.....	15,740	20.71	22.13	1.00	28.32	0.00	27.77
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	4,731	5.63	2.30	0.35	33.34	0.00	58.40
106 FEED INDUSTRY.....	6,439	20.06	18.37	0.98	26.83	0.00	33.33
107 BAKERY PRODUCTS INDUSTRIES.....	9,888	12.12	23.32	0.04	38.11	0.00	26.41
108 MISCELLANEOUS FOOD INDUSTRIES.....							
109 BEVERAGE INDUSTRIES.....	19,119	13.38	14.13	0.52	47.78	0.00	24.15
1 FOOD AND BEVERAGE INDUSTRIES.....	118,248	15.10	12.69	0.63	39.99	0.06	30.16
151 LEAF TOBACCO PROCESSORS.....							
153 TOBACCO PRODUCTS MANUFACTURERS.....							
2 TOBACCO PRODUCTS INDUSTRIES.....	2,828	14.12	10.52	2.36	21.61	0.00	51.21
162 RUBBER PRODUCTS INDUSTRIES.....	22,318	15.44	7.31	0.68	31.11	0.00	44.96
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	19,340	6.99	3.26	0.50	23.31	0.00	57.77
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	41,658	11.52	5.43	0.60	27.49	0.00	50.91
172 LEATHER TANNERIES.....	2,806	30.01	0.64	0.76	39.62	0.00	28.98
174 SHOE FACTORIES.....	1,506	11.42	3.35	0.01	24.80	0.00	60.45
175 LEATHER GLOVE FACTORIES.....	42	5.10	13.02	1.69	43.42	0.00	36.80

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1978

30

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	579	9.74	8.18	0.16	25.05	0.00	56.90
4 LEATHER INDUSTRIES.....	4,933	21.75	2.46	0.47	33.42	0.00	41.93
181 COTTON YARN AND CLOTH MILLS.....							
182 WOOL YARN AND CLOTH MILLS.....	1,297	1.42	2.38	0.01	56.33	0.00	39.89
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	23,907	23.53	0.46	0.15	34.38	0.00	41.50
184 CORDAGE AND TWINE INDUSTRY.....	194	15.75	2.69	0.96	6.45	0.00	74.17
185 FELT AND FIBRE PROCESSING MILLS.....	1,062	10.67	1.75	0.24	46.71	0.00	40.66
186 CARPET, MAT AND RUG INDUSTRY.....							
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	289	20.13	20.40	0.65	20.30	0.00	38.54
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	2,951	10.45	1.49	1.12	36.19	0.00	45.55
189 MISCELLANEOUS TEXTILE INDUSTRIES.....							
5 TEXTILE INDUSTRIES.....	38,724	17.57	1.34	0.40	38.02	0.00	41.23
231 HOSIERY MILLS.....	722	14.40	0.38	0.01	31.11	0.00	54.13
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	2,863	16.57	1.06	0.09	46.76	0.00	35.24
6 KNITTING MILLS.....	3,585	16.13	0.92	0.07	43.61	0.00	39.05
243 MEN'S CLOTHING INDUSTRIES.....	1,589	16.29	5.73	0.01	23.05	0.00	52.19
244 WOMEN'S CLOTHING INDUSTRIES.....							
245 CHILDREN'S CLOTHING INDUSTRY.....							
246 FUR GOODS INDUSTRY.....	52	4.13	15.88	0.01	1.32	0.00	78.70

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1978

31

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
		CONFIDENTIAL					
248 FOUNDATION GARMENT INDUSTRY.....	291	7.21	10.06	0.58	33.03	0.00	47.93
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	3,072	11.82	7.29	0.06	21.65	0.15	55.65
7 CLOTHING INDUSTRIES.....	11,727	30.64	16.06	0.23	11.99	0.00	38.74
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	2,140	11.89	7.25	0.92	37.31	0.42	41.18
252 VENEER AND PLYWOOD MILLS.....	4,314	13.58	24.60	0.80	17.44	0.00	43.03
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	1,478	26.97	18.26	6.27	16.16	0.00	32.37
256 WOODEN BOX FACTORIES.....	128	11.28	45.38	0.35	20.38	0.00	22.63
258 COFFIN AND CASKET INDUSTRY.....	7,925	5.45	2.25	4.75	46.27	0.00	32.72
259 MISCELLANEOUS WOOD INDUSTRIES.....	27,712	19.05	13.01	1.99	24.86	0.03	37.46
8 WOOD INDUSTRIES.....	4,321	13.84	8.60	0.72	27.85	0.16	47.80
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	1,816	8.25	3.79	1.44	47.22	0.00	39.33
264 OFFICE FURNITURE MANUFACTURERS.....	2,162	10.33	14.71	0.25	35.37	0.00	39.36
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	180	4.62	13.03	0.01	22.63	0.00	59.74
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	8,479	11.55	9.22	0.74	33.80	0.08	44.09
9 FURNITURE AND FIXTURE INDUSTRIES.....	210,538	12.85	0.26	0.25	42.37	2.86	38.67
271 PULP AND PAPER MILLS.....	1,073	19.34	1.79	0.01	58.79	0.00	20.11
272 ASPHALT ROOFING MANUFACTURERS.....	8,969	7.33	9.51	1.95	34.40	0.00	45.74
273 PAPER BOX & BAG MANUFACTURERS.....	8,249	5.97	4.19	1.02	42.35	0.00	46.36
274 MISCELLANEOUS PAPER CONVERTERS.....							

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1978

32

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
10 PAPER AND ALLIED INDUSTRIES.....	228,829	12.42	0.77	0.34	42.13	2.63	39.13
286 COMMERCIAL PRINTING.....	7,915	5.92	11.85	0.37	25.50	0.00	51.16
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	1,198	5.42	26.30	0.01	16.99	0.00	49.23
288 PUBLISHING ONLY.....	0	0.00	0.00	0.00	0.00	0.00	0.00
289 PUBLISHING AND PRINTING.....	4,805	4.00	24.20	0.01	14.89	0.00	54.36
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	13,919	5.21	17.36	0.21	21.10	0.00	52.10
291 IRON AND STEEL MILLS.....	210,760	22.18	0.35	0.07	39.03	0.00	35.49
292 STEEL PIPE AND TUBE MILLS.....	5,294	5.31	0.91	0.89	50.74	0.00	42.17
294 IRON FOUNDRIES.....	14,137	4.64	0.87	0.89	26.60	0.36	58.17
295 SMELTING AND REFINING.....	61,690	16.11	0.24	0.13	29.94	4.93	48.55
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	8,305	15.43	1.25	2.71	35.80	0.00	44.83
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING,							
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.							
12 PRIMARY METAL INDUSTRIES.....	313,015	19.45	0.54	0.32	36.73	1.06	39.57
301 BOILER AND PLATE WORKS.....	2,688	12.40	6.69	1.11	36.73	0.00	43.10
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	3,169	17.18	19.43	2.26	25.70	0.00	35.44
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY,	4,112	9.82	14.85	1.50	29.78	0.00	44.08
304 METAL STAMPING, PRESSING AND COATING IND.....	19,355	5.64	5.09	1.71	47.20	0.00	39.78
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	11,677	2.24	1.52	2.62	48.07	0.00	43.72

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TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1978

33

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	5,616	3.79	8.28	1.35	35.97	0.13	49.70
307 HEATING EQUIPMENT MANUFACTURERS.....	1,503	2.50	5.54	2.20	41.02	0.00	48.76
308 MACHINE SHOPS.....	1,649	10.94	21.89	2.89	19.86	0.34	44.06
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	15,543	11.70	5.70	1.41	44.91	0.10	35.56
13 METAL FABRICATING INDUSTRIES.....	65,313	7.48	6.68	1.80	42.44	0.04	40.85
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	8,336	10.08	2.83	1.02	49.20	0.00	36.89
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	17,072	8.71	6.63	1.69	34.14	0.00	48.56
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	1,132	4.48	9.37	1.42	43.44	0.00	41.32
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	2,693	2.02	25.70	0.01	19.34	0.00	52.96
14 MACHINERY INDUSTRIES.....	29,233	8.32	7.41	1.33	37.43	0.00	45.36
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	4,534	22.66	3.87	0.08	23.21	0.00	50.19
323 MOTOR VEHICLE MANUFACTURERS.....	37,367	19.24	6.99	0.61	26.50	7.21	39.33
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	2,203	9.97	14.85	2.42	33.38	0.00	39.40
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	60,673	6.84	1.79	1.07	30.79	0.26	53.58
326 RAILROAD ROLLING STOCK INDUSTRY.....	3,388	19.73	2.02	0.55	38.77	0.00	37.85
327 SHIPBUILDING AND REPAIR.....	928	4.90	11.48	5.09	23.28	0.00	55.28
328 BOATBUILDING AND REPAIR.....	439	12.75	19.44	1.01	16.13	0.00	43.30
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	38	0.01	21.97	0.01	35.48	0.00	42.56
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	109,569	12.19	4.08	0.92	29.19	2.61	47.78

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1978

34

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	2,575	3.90	2.79	0.63	53.84	0.00	38.86
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).	5,747	6.67	0.09	0.87	51.75	0.00	40.64
333 MANUFACTURERS OF LIGHTING FIXTURES.....	579	6.89	9.02	0.01	36.44	0.00	47.67
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	498	11.25	0.25	1.11	29.30	0.00	56.55
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	6,362	7.88	3.37	0.12	24.18	0.00	64.10
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	8,774	8.34	3.02	0.69	36.75	0.00	50.87
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	5,879	4.44	0.68	1.49	32.36	0.00	60.45
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	5,207	6.41	5.50	0.14	35.70	0.00	52.28
16 ELECTRICAL PRODUCTS INDUSTRIES.....	35,620	6.76	2.63	0.66	37.17	0.00	52.53
351 CLAY PRODUCTS MANUFACTURERS.....	11,170	5.46	1.55	0.67	74.44	0.00	17.89
352 CEMENT MANUFACTURERS.....	41,147	18.04	0.14	0.04	27.44	28.40	25.05
353 STONE PRODUCTS MANUFACTURERS.....	92	2.62	33.78	0.01	23.63	0.00	39.99
354 CONCRETE PRODUCTS MANUFACTURERS.....	7,773	34.41	18.02	2.04	28.29	0.23	16.83
355 READY-MIX CONCRETE MANUFACTURERS.....	6,143	62.85	11.55	0.08	10.85	0.00	14.57
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	25,554	0.64	0.52	0.73	71.77	0.00	26.18
357 ABRASIVES MANUFACTURERS.....	14,245	0.91	0.45	0.08	6.21	0.00	92.38
358 LIME MANUFACTURERS.....	12,542	54.21	0.27	0.01	29.33	7.60	8.60
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	22,061	27.03	1.09	0.85	39.11	3.01	23.79
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	140,727	19.63	2.02	0.46	38.39	9.46	28.94

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1978

35

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
365 PETROLEUM REFINERIES.....	48,897	1.17	0.39	4.06	43.47	0.00	44.96
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	872	48.13	0.27	0.67	31.84	0.00	19.10
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	49,769	1.99	0.39	4.00	43.27	0.00	44.51
372 MANUFACTURERS OF MIXED FERTILIZERS.....	557	2.08	43.98	3.74	5.75	0.00	44.48
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	14,921	23.04	0.42	0.48	25.85	0.00	40.27
374 MFRS PHARMACEUTICALS AND MEDICINES.....	4,643	6.14	12.94	0.09	36.45	0.00	43.57
375 PAINT AND VARNISH MANUFACTURERS.....	3,100	21.79	7.68	0.63	25.72	0.00	38.77
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	6,792	24.08	1.80	0.60	40.93	0.00	27.49
377 MANUFACTURERS OF TOILET PREPARATIONS.....	1,224	22.77	8.91	0.01	29.27	0.00	39.07
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	244,719	9.35	0.22	0.23	37.78	0.02	22.87
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	8,759	23.02	7.17	0.20	28.91	0.00	34.06
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	284,714	10.96	0.90	0.26	36.70	0.02	24.86
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	5,412	26.08	9.89	0.58	14.70	0.00	48.02
392 JEWELLERY AND SILVERWARE INDUSTRY.....	1,364	2.27	9.15	1.64	34.21	0.00	52.75
393 SPORTING GOODS AND TOY INDUSTRIES.....	2,689	14.10	8.65	0.78	30.34	0.00	46.16
397 SIGNS AND DISPLAYS INDUSTRY.....	1,386	5.19	31.86	2.15	27.77	0.00	33.05
399 MISCELLANEOUS MANUFACTURING IND..N.E.S.....	5,548	8.78	6.34	0.30	39.04	0.00	43.02
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	16,399	14.51	10.28	0.74	28.23	0.00	45.15
-----ALL MANUFACTURING INDUSTRIES-----	1,536,347	13.89	3.12	0.65	37.14	1.67	36.86

***** NOTE : END OF TABLE 5 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 6

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

36

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENT'S VALUE (GAL)	\$1000 OF VALUE ADDED (GAL)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	7,552	3,566	.47	480	3	17
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	6,419	2,494	.39	686	9	23
104 DAIRY PRODUCTS INDUSTRY.....	6,484	3,258	.50	728	6	25
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	458	266	.58	150	1	3
106 FEED INDUSTRY.....	2,269	1,291	.57	691	4	19
107 BAKERY PRODUCTS INDUSTRIES.....	1,838	1,198	.65	138	4	7
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	5,302	2,558	.48	426	5	8
1 FOOD AND BEVERAGE INDUSTRIES.....	38,574	17,847	.46	453	5	13
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	1,031	399	.39	304	2	5
162 RUBBER PRODUCTS INDUSTRIES.....	9,361	3,445	.37	503	9	19
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	3,242	1,352	.42	163	3	7
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	12,603	4,797	.38	328	6	13
172 LEATHER TANNERIES.....	2,093	842	.40	1,138	16	47
174 SHOE FACTORIES.....	299	172	.57	36	1	2
175 LEATHER GLOVE FACTORIES.....	4	2	.49	17	1	1

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

37

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED		QUANTITY OF FUEL OIL REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF FUEL OIL REQUIRED PER VALUE ADDED (GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	123	56	.46	51	2	3
4 LEATHER INDUSTRIES.....	2,520	1,073	.43	198	5	12
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	36	18	.51	25	1	1
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	16,360	5,624	.34	1,860	30	68
184 CORDAGE AND TWINE INDUSTRY.....	64	31	.48	197	5	10
185 FELT AND FIBRE PROCESSING MILLS.....	248	113	.46	238	6	13
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	121	58	.48	94	3	7
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	663	308	.46	97	2	3
189 MISCELLANEOUS TEXTILE INDUSTRIES.....			CONFIDENTIAL			
5 TEXTILE INDUSTRIES.....	19,143	6,803	.36	629	12	26
231 HOSIERY MILLS.....	224	104	.46	125	4	8
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	1,284	474	.37	248	8	16
6 KNITTING MILLS.....	1,508	578	.38	216	7	14
243 MEN'S CLOTHING INDUSTRIES.....	546	259	.47	42	1	3
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	4	2	.59	8	0	0

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

38

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED		QUANTITY OF FUEL OIL REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
248 FOUNDATION GARMENT INDUSTRY.....	57	21	.37	40	2	3
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	773	363	.47	31	1	2
7 CLOTHING INDUSTRIES.....	5,637	3,593	.64	818	14	29
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	527	254	.48	228	6	11
252 VENEER AND PLYWOOD MILLS.....	1,008	586	.58	141	3	7
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	776	399	.51	336	8	17
256 WOODEN BOX FACTORIES.....	26	14	.55	124	4	7
258 COFFIN AND CASKET INDUSTRY.....	745	431	.58	245	5	10
259 MISCELLANEOUS WOOD INDUSTRIES.....	8,720	5,277	.61	397	8	17
8 WOOD INDUSTRIES.....	1,212	598	.49	95	3	5
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	301	150	.50	92	2	4
264 OFFICE FURNITURE MANUFACTURERS.....	416	223	.54	73	2	3
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	16	8	.53	26	1	2
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	1,944	979	.50	87	2	4
9 FURNITURE AND FIXTURE INDUSTRIES.....	68,757	27,047	.39	3,100	39	93
271 PULP AND PAPER MILLS.....	590	207	.35	1,489	11	30
272 ASPHALT ROOFING MANUFACTURERS.....	1,381	657	.48	114	2	5
273 PAPER BOX & BAG MANUFACTURERS.....	1,085	492	.45	104	2	4
274 MISCELLANEOUS PAPER CONVERTERS.....						

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

39

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS	\$1000 OF VALUE ADDED
					(GAL)	(GAL)
10 PAPER AND ALLIED INDUSTRIES.....	71,812	28,403	.40	1,588	23	55
286 COMMERCIAL PRINTING.....	970	468	.48	40	1	2
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	121	65	.53	31	1	1
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING AND PRINTING.....	368	192	.52	23	1	1
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,459	725	.50	29	1	1
291 IRON AND STEEL MILLS.....	128,648	46,730	.36	2,973	33	78
292 STEEL PIPE AND TUBE MILLS.....	758	281	.37	247	2	7
294 IRON FOUNDRIES.....	1,528	656	.43	214	4	8
295 SMELTING AND REFINING.....	29,420	9,937	.34	4,189	89	146
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	3,254	1,281	.39	735	9	37
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	167,888	60,876	.36	2,343	28	70
301 BOILER AND PLATE WORKS.....	648	333	.51	120	2	4
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	873	544	.62	165	3	6
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	527	404	.77	66	1	3
304 METAL STAMPING, PRESSING AND COATING IND....	2,440	1,090	.45	113	2	4
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	549	261	.48	47	1	2

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

40

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS.....	405	213	.53	31	1	1
307 HEATING EQUIPMENT MANUFACTURERS.....	68	38	.56	21	0	1
308 MACHINE SHOPS.....	346	180	.52	74	2	3
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	4,613	1,818	.39	263	5	10
13 METAL FABRICATING INDUSTRIES.....	10,468	4,881	.47	115	2	4
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	2,056	840	.41	215	4	9
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	3,474	1,486	.43	91	2	3
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	118	51	.43	43	1	2
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	107	54	.51	18	0	1
14 MACHINERY INDUSTRIES.....	5,755	2,432	.42	102	2	4
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	2,808	1,027	.37	250	6	9
323 MOTOR VEHICLE MANUFACTURERS.....	19,992	7,189	.36	478	2	12
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	373	220	.59	73	1	3
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	10,065	4,147	.41	183	2	5
326 RAILROAD ROLLING STOCK INDUSTRY.....	1,754	668	.38	405	6	15
327 SHIPBUILDING AND REPAIR.....	68	45	.67	34	1	1
328 BOATBUILDING AND REPAIR.....	110	56	.51	102	3	6
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	0	0	.00	0	0	0
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	35,169	13,352	.38	292	2	8

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED		QUANTITY OF FUEL OIL REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	208	100	.48	47	1	2
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	942	383	.41	115	2	4
333 MANUFACTURERS OF LIGHTING FIXTURES.....	103	40	.39	65	1	3
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	118	56	.47	57	1	2
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	1,055	501	.47	44	1	2
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,753	731	.42	85	2	4
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	528	261	.49	107	1	4
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	666	334	.50	66	2	3
16 ELECTRICAL PRODUCTS INDUSTRIES.....	5,374	2,406	.45	71	1	3
351 CLAY PRODUCTS MANUFACTURERS.....	1,172	609	.52	468	11	17
*352 CEMENT MANUFACTURERS.....	21,181	7,420	.35	15,997	121	203
353 STONE PRODUCTS MANUFACTURERS.....	5	2	.51	23	1	1
354 CONCRETE PRODUCTS MANUFACTURERS.....	4,449	2,674	.60	1,086	23	42
355 READY-MIX CONCRETE MANUFACTURERS.....	5,860	3,861	.66	2,060	24	69
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	255	162	.63	34	1	1
357 ABRASIVES MANUFACTURERS.....	280	128	.46	129	2	5
358 LIME MANUFACTURERS.....	18,550	6,798	.37	54,081	465	782
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	14,736	5,962	.40	2,744	50	94
7 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	66,487	27,618	.42	2,512	40	76

TABLE 6 (CONT'D)

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED		QUANTITY OF FUEL OIL REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF FUEL OIL REQUIRED PER SHIPMENTS VALUE ADDED (GAL)
365 PETROLEUM REFINERIES.....	1,273	568	.45	116	0	3
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	987	419	.42	9,973	68	231
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	2,261	988	.44	205	1	5
372 MANUFACTURERS OF MIXED FERTILIZERS.....	17	12	.68	28	0	1
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	9,047	3,438	.38	3,315	24	95
374 MFRS PHARMACEUTICALS AND MEDICINES.....	656	285	.43	84	1	2
375 PAINT AND VARNISH MANUFACTURERS.....	1,723	675	.39	431	5	10
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	4,825	1,635	.34	820	8	16
377 MANUFACTURERS OF TOILET PREPARATIONS.....	659	279	.42	191	4	6
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	64,717	22,858	.35	4,495	39	102
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	5,146	2,015	.39	611	8	17
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	86,789	31,196	.36	1,834	20	44
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	3,861	1,411	.37	243	5	10
392 JEWELLERY AND SILVERWARE INDUSTRY.....	51	31	.61	11	0	0
393 SPORTING GOODS AND TOY INDUSTRIES.....	797	379	.48	137	3	7
397 SIGNS AND DISPLAYS INDUSTRY.....	139	72	.52	42	1	2
399 MISCELLANEOUS MANUFACTURING IND.,N.E.S.....	1,143	487	.43	111	3	5
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	5,990	2,379	.40	150	3	7
-----ALL MANUFACTURING INDUSTRIES-----	546,270	213,372	.39	620	8	21

***** NOTE : END OF TABLE 6 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 7

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

43

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	3,412	2,727	.80	217	2	8
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	509	426	.84	54	1	2
104 DAIRY PRODUCTS INDUSTRY.....	4,487	3,483	.78	504	4	17
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	129	108	.84	42	0	1
106 FEED INDUSTRY.....	1,409	1,183	.84	429	3	12
107 BAKERY PRODUCTS INDUSTRIES.....	2,764	2,306	.83	208	5	11
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	3,562	2,701	.76	286	3	5
1 FOOD AND BEVERAGE INDUSTRIES.....	18,722	15,002	.80	220	2	7
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	317	297	.94	93	1	2
162 RUBBER PRODUCTS INDUSTRIES.....	1,700	1,629	.96	91	2	3
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	690	629	.91	35	1	2
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	2,391	2,258	.94	62	1	3
172 LEATHER TANNERIES.....	22	18	.83	12	0	0
174 SHOE FACTORIES.....	58	50	.87	7	0	0
175 LEATHER GLOVE FACTORIES.....	6	5	.89	24	1	2

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

44

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED		QUANTITY OF GASOLINE REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	52	47	.90	22	1	1
4 LEATHER INDUSTRIES.....	138	121	.88	11	0	1
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	31	31	1.00	21	1	1
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	113	109	.97	13	0	0
184 CORDAGE AND TWINE INDUSTRY.....	6	5	.91	18	0	1
185 FELT AND FIBRE PROCESSING MILLS.....	21	19	.87	20	1	1
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	66	59	.89	52	2	4
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	47	44	.94	7	0	0
189 MISCELLANEOUS TEXTILE INDUSTRIES.....			CONFIDENTIAL			
5 TEXTILE INDUSTRIES.....	554	516	.93	18	0	1
231 HOSIERY MILLS.....	3	3	.85	2	0	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	33	30	.90	6	0	0
6 KNITTING MILLS.....	37	33	.90	5	0	0
243 MEN'S CLOTHING INDUSTRIES.....	99	91	.92	8	0	0
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	9	8	.96	18	0	1

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

45

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)	
							CONFIDENTIAL
248 FOUNDATION GARMENT INDUSTRY.....	31	29	.93	22	1	1	
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	243	224	.92	10	0	1	
7 CLOTHING INDUSTRIES.....							
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	2,139	1,883	.88	310	5	11	
252 VENEER AND PLYWOOD MILLS.....	173	155	.89	75	2	4	
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	1,162	1,061	.91	162	4	8	
256 WOODEN BOX FACTORIES.....	313	270	.86	135	3	7	
258 COFFIN AND CASKET INDUSTRY.....	63	58	.92	299	10	18	
259 MISCELLANEOUS WOOD INDUSTRIES.....	203	178	.88	67	1	3	
8 WOOD INDUSTRIES.....	4,052	3,605	.89	185	4	8	
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	398	371	.93	31	1	2	
264 OFFICE FURNITURE MANUFACTURERS.....	76	69	.90	23	1	1	
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	344	318	.93	60	1	3	
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	25	23	.92	41	1	3	
9 FURNITURE AND FIXTURE INDUSTRIES.....	843	782	.93	38	1	2	
271 PULP AND PAPER MILLS.....	682	540	.79	31	0	1	
272 ASPHALT ROOFING MANUFACTURERS.....	22	19	.86	56	0	1	
273 PAPER BOX & BAG MANUFACTURERS.....	967	852	.88	80	1	3	
274 MISCELLANEOUS PAPER CONVERTERS.....	369	345	.94	35	1	1	

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENT'S VALUE ADDED (GAL)	\$1000 OF SHIPMENT'S VALUE ADDED (GAL)
280 PAPER AND ALLIED INDUSTRIES.....	2,041	1,757	.86	45	1	2
286 COMMERCIAL PRINTING.....	994	937	.94	41	1	2
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND.....	337	315	.94	87	3	3
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING AND PRINTING.....	1,400	1,163	.83	88	2	3
2911 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	2,731	2,415	.88	55	1	2
291 IRON AND STEEL MILLS.....	1,122	728	.65	26	0	1
292 STEEL PIPE AND TUBE MILLS.....	57	48	.84	18	0	1
294 IRON FOUNDRIES.....	142	122	.86	20	0	1
295 SMELTING AND REFINING.....	173	148	.85	25	1	1
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	124	104	.83	28	0	1
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.....						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.....						
32 PRIMARY METAL INDUSTRIES.....	2,255	1,665	.74	31	0	1
301 BOILER AND PLATE WORKS.....	197	180	.91	36	0	1
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	686	616	.90	130	2	5
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.....	673	610	.91	84	2	3
304 METAL STAMPING, PRESSING AND COATING IND.....	1,105	984	.89	51	1	2
305 WIDE AND WIDE PRODUCTS MANUFACTURERS.....	210	177	.84	18	0	1

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

47

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$'000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED		
					(GAL)	(GAL)	
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	502	465	.92	38	1	1	
307 HEATING EQUIPMENT MANUFACTURERS.....	88	83	.95	28	1	1	
308 MACHINE SHOPS.....	407	361	.89	87	2	4	
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	983	885	.90	56	1	2	
13 METAL FABRICATING INDUSTRIES.....	4,850	4,361	.90	53	1	2	
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	275	235	.85	29	0	1	
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1,229	1,131	.92	32	1	1	
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	111	106	.95	41	1	2	
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	801	692	.86	136	2	7	
14 MACHINERY INDUSTRIES.....	2,417	2,165	.90	43	1	2	
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	187	175	.94	17	0	1	
323 MOTOR VEHICLE MANUFACTURERS.....	4,030	2,610	.65	96	0	2	
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	363	327	.90	71	1	3	
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,525	1,085	.71	28	0	1	
326 RAILROAD ROLLING STOCK INDUSTRY.....	87	68	.78	20	0	1	
327 SHIPBUILDING AND REPAIR.....	122	106	.88	61	1	2	
328 BOATBUILDING AND REPAIR.....	94	85	.91	87	2	5	
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	8	8	.98	134	2	5	
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	6,416	4,465	.70	53	0	1	

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

48

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF	
					SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	77	72	.93	18	0	1
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	5	5	.95	1	0	0
333 MANUFACTURERS OF LIGHTING FIXTURES.....	60	52	.87	37	1	2
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	1	1	.95	1	0	0
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	234	214	.91	10	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	293	265	.90	14	0	1
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	49	39	.81	10	0	0
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	308	286	.93	30	1	1
16 ELECTRICAL PRODUCTS INDUSTRIES.....	1,028	934	.91	14	0	1
351 CLAY PRODUCTS MANUFACTURERS.....	206	173	.84	82	2	3
352 CEMENT MANUFACTURERS.....	74	56	.76	56	0	1
353 STONE PRODUCTS MANUFACTURERS.....	34	31	.91	162	4	7
354 CONCRETE PRODUCTS MANUFACTURERS.....	1,610	1,401	.87	393	8	15
355 READY-MIX CONCRETE MANUFACTURERS.....	861	709	.82	303	4	10
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	162	132	.82	21	0	1
357 ABRASIVES MANUFACTURERS.....	70	63	.90	33	1	1
358 LIME MANUFACTURERS.....	54	33	.61	158	1	2
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	319	240	.75	59	1	2
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	3,390	2,838	.84	128	2	4

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

49

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED		QUANTITY OF GASOLINE REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
365 PETROLEUM REFINERIES.....	219	188	.86	20	0	1
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	3	2	.92	26	0	1
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	221	191	.86	20	0	1
372 MANUFACTURERS OF MIXED FERTILIZERS.....	287	245	.85	472	4	15
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	70	61	.87	26	0	1
374 MFRS PHARMACEUTICALS AND MEDICINES.....	640	601	.94	82	1	2
375 PAINT AND VARNISH MANUFACTURERS.....	254	238	.94	63	1	2
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	141	122	.87	24	0	0
377 MANUFACTURERS OF TOILET PREPARATIONS.....	114	109	.96	33	1	1
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	627	534	.85	44	0	1
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	690	627	.91	82	1	2
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	2,823	2,537	.90	60	1	1
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	626	535	.85	39	1	2
392 JEWELLERY AND SILVERWARE INDUSTRY.....	140	125	.89	31	0	1
393 SPORTING GOODS AND TOY INDUSTRIES.....	255	232	.91	44	1	2
397 SIGNS AND DISPLAYS INDUSTRY.....	492	442	.90	148	5	9
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	399	351	.88	39	1	2
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1,912	1,685	.88	48	1	2
-----ALL MANUFACTURING INDUSTRIES-----	57,381	47,850	.83	65	1	2

***** NOTE : END OF TABLE 7 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 8

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

50

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	2,216	4,530	2.04	141	1	5
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	1,792	3,662	2.04	192	3	7
104 DAIRY PRODUCTS INDUSTRY.....	2,155	4,456	2.07	242	2	8
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	814	1,577	1.94	267	2	6
106 FEED INDUSTRY.....	816	1,727	2.12	249	2	7
107 BAKERY PRODUCTS INDUSTRIES.....	1,768	3,768	2.13	133	4	7
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	4,715	9,134	1.94	379	4	7
1 FOOD AND BEVERAGE INDUSTRIES.....	23,975	47,282	1.97	282	3	8
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	281	611	2.17	83	1	1
162 RUBBER PRODUCTS INDUSTRIES.....	3,370	6,942	2.06	181	3	7
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	2,089	4,507	2.16	105	2	5
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	5,459	11,448	2.10	142	3	6
172 LEATHER TANNERIES.....	519	1,112	2.14	282	4	12
174 SHOE FACTORIES.....	176	373	2.12	21	1	1
175 LEATHER GLOVE FACTORIES.....	8	18	2.35	30	1	2

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

51

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER			
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	VALUE ADDED (MCF)	
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	65	145	2.22	27	1	2	
4 LEATHER INDUSTRIES.....	769	1,648	2.14	60	2	4	
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL				
182 WOOL YARN AND CLOTH MILLS.....	362	731	2.02	247	7	11	
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	4,214	8,217	1.95	479	8	18	
184 CORDAGE AND TWINE INDUSTRY.....	5	13	2.60	15	0	1	
185 FELT AND FIBRE PROCESSING MILLS.....	227	496	2.18	218	6	12	
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	26	59	2.22	20	1	1	
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	401	1,068	2.66	59	1	2	
189 MISCELLANEOUS TEXTILE INDUSTRIES.....			CONFIDENTIAL				
5 TEXTILE INDUSTRIES.....	7,250	14,720	2.03	238	5	10	
231 HOSIERY MILLS.....	106	225	2.11	59	2	4	
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	620	1,339	2.16	120	4	8	
6 KNITTING MILLS.....	727	1,563	2.15	104	3	7	
243 MEN'S CLOTHING INDUSTRIES.....	164	366	2.23	13	0	1	
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL				
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL				
246 FUR GOODS INDUSTRY.....	0	1	2.31	1	0	0	

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

52

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENT'S VALUE ADDED (MCF)	\$1000 OF VALUE ADDED (MCF)
248 FOUNDATION GARMENT INDUSTRY.....	43	96	2.23	30	1	2
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	307	665	2.17	12	0	1
7 CLOTHING INDUSTRIES.....	729	1,405	1.93	106	2	4
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	406	798	1.97	175	5	9
252 VENEER AND PLYWOOD MILLS.....	381	752	1.98	53	1	3
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	133	239	1.79	58	1	3
256 WOODEN BOX FACTORIES.....	11	26	2.32	53	2	3
258 COFFIN AND CASKET INDUSTRY.....	1,856	3,667	1.98	609	12	26
259 MISCELLANEOUS WOOD INDUSTRIES.....	3,517	6,887	1.96	160	3	7
8 WOOD INDUSTRIES.....	528	1,203	2.28	41	1	2
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	398	857	2.15	122	3	5
264 OFFICE FURNITURE MANUFACTURERS.....	361	764	2.12	63	1	3
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	21	41	1.96	34	1	2
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	1,308	2,866	2.19	58	2	3
9 FURNITURE AND FIXTURE INDUSTRIES.....	46,678	89,188	1.91	2,105	26	63
271 PULP AND PAPER MILLS.....	264	631	2.39	666	5	14
272 ASPHALT ROOFING MANUFACTURERS.....	1,497	3,084	2.06	123	2	5
273 PAPER BOX & BAG MANUFACTURERS.....	1,650	3,493	2.12	158	3	6
274 MISCELLANEOUS PAPER CONVERTERS.....						

CONFIDENTIAL

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

53

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED		QUANTITY OF NATURAL GAS REQUIRED PER			
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF VALUE ADDED (MCF)
10 PAPER AND ALLIED INDUSTRIES.....	50,088	96,396	1.92	1,108	16	38
286 COMMERCIAL PRINTING.....	931	2,018	2.17	39	1	2
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	87	203	2.33	22	1	1
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING AND PRINTING.....	322	715	2.22	20	1	1
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,340	2,937	2.19	27	1	1
291 IRON AND STEEL MILLS.....	40,921	82,253	2.01	946	10	25
292 STEEL PIPE AND TUBE MILLS.....	1,292	2,686	2.08	421	4	12
294 IRON FOUNDRIES.....	1,865	3,760	2.02	261	5	10
295 SMELTING AND REFINING.....	9,552	18,469	1.93	1,360	29	48
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	1,314	2,973	2.26	297	3	15
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	57,270	114,957	2.01	799	10	24
301 BOILER AND PLATE WORKS.....	441	987	2.24	82	1	3
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	383	814	2.13	73	1	3
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	552	1,225	2.22	69	1	3
304 METAL STAMPING, PRESSING AND COATING IND....	4,129	9,135	2.21	191	3	7
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	2,760	5,612	2.03	234	4	9

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

54

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED		QUANTITY OF NATURAL GAS REQUIRED PER			
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	905	2,020	2.23	69	2	3
307 HEATING EQUIPMENT MANUFACTURERS.....	283	617	2.18	89	2	4
308 MACHINE SHOPS.....	151	328	2.17	32	1	1
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	3,234	6,980	2.16	184	3	7
13 METAL FABRICATING INDUSTRIES.....	12,838	27,716	2.16	142	3	5
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	1,979	4,101	2.07	207	3	8
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	2,680	5,827	2.17	70	1	2
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	234	492	2.10	85	1	3
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	243	521	2.15	41	1	2
14 MACHINERY INDUSTRIES.....	5,136	10,940	2.13	91	2	3
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	500	1,052	2.11	44	1	2
323 MOTOR VEHICLE MANUFACTURERS.....	4,534	9,899	2.18	108	1	3
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	340	735	2.16	67	1	3
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	8,656	18,676	2.16	158	2	4
326 RAILROAD ROLLING STOCK INDUSTRY.....	636	1,313	2.07	147	2	5
327 SHIPBUILDING AND REPAIR.....	102	216	2.12	51	1	1
328 BOATBUILDING AND REPAIR.....	44	71	1.61	41	1	2
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	6	13	2.08	102	2	4
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	14,817	31,976	2.16	123	1	3

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

55

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS' VALUE ADDED (MCF)	\$1000 OF SHIPMENTS' VALUE ADDED (MCF)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	626	1,386	2.21	143	3	6
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	1,446	2,974	2.06	176	3	6
333 MANUFACTURERS OF LIGHTING FIXTURES.....	93	211	2.27	58	1	3
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	61	146	2.39	29	0	1
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	727	1,538	2.12	30	1	1
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,546	3,224	2.08	75	2	3
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	925	1,902	2.06	187	2	7
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	822	1,859	2.26	81	2	4
16 ELECTRICAL PRODUCTS INDUSTRIES.....	6,245	13,239	2.12	82	2	3
351 CLAY PRODUCTS MANUFACTURERS.....	3,971	8,315	2.09	1,586	38	59
352 CEMENT MANUFACTURERS.....	6,071	11,287	1.86	4,585	35	58
353 STONE PRODUCTS MANUFACTURERS.....	10	22	2.10	49	1	2
354 CONCRETE PRODUCTS MANUFACTURERS.....	1,033	2,199	2.13	252	5	10
355 READY-MIX CONCRETE MANUFACTURERS.....	334	666	1.99	117	1	4
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	9,205	18,338	1.99	1,210	21	35
357 ABRASIVES MANUFACTURERS.....	428	883	2.07	198	3	8
358 LIME MANUFACTURERS.....	1,750	3,678	2.10	5,102	44	74
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	3,650	8,627	2.36	680	12	23
7 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	26,453	54,016	2.04	999	16	30

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

56

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED		QUANTITY OF NATURAL GAS REQUIRED PER	
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)
365 PETROLEUM REFINERIES.....	9,878	21,254	2.15	902
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	117	278	2.37	1,183
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	9,995	21,532	2.15	905
372 MANUFACTURERS OF MIXED FERTILIZERS.....	11	32	2.91	18
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	1,893	3,856	2.04	694
374 MFRS PHARMACEUTICALS AND MEDICINES.....	812	1,692	2.08	104
375 PAINT AND VARNISH MANUFACTURERS.....	354	797	2.26	88
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	1,412	2,779	1.97	240
377 MANUFACTURERS OF TOILET PREPARATIONS.....	166	358	2.16	48
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	48,151	92,433	1.92	3,344
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	1,174	2,532	2.16	140
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	53,973	104,480	1.94	1,141
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	358	795	2.22	23
392 JEWELLERY AND SILVERWARE INDUSTRY.....	214	467	2.18	47
393 SPORTING GOODS AND TOY INDUSTRIES.....	372	816	2.19	64
397 SIGNS AND DISPLAYS INDUSTRY.....	178	385	2.17	53
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	1,022	2,166	2.12	99
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	2,143	4,628	2.16	54
-----ALL MANUFACTURING INDUSTRIES-----	283,890	570,507	2.01	322
				4
				11

***** NOTE : END OF TABLE 8 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 9

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

57

MAJOR GROUP, SIC & INDUSTRY GROUP	L.P.G. USED		QUANTITY OF L.P.G. REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENT'S VALUE ADDED (GAL)	\$1000 OF SHIPMENT'S VALUE ADDED (GAL)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	294	158	.54	19	0	1
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	274	159	.58	29	0	1
104 DAIRY PRODUCTS INDUSTRY.....	297	157	.53	33	0	1
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	29	17	.56	10	0	0
106 FEED INDUSTRY.....	125	63	.50	38	0	1
107 BAKERY PRODUCTS INDUSTRIES.....	6	3	.54	0	0	0
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	145	98	.67	12	0	0
1 FOOD AND BEVERAGE INDUSTRIES.....	1,332	741	.56	16	0	0
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	99	67	.68	29	0	1
162 RUBBER PRODUCTS INDUSTRIES.....	262	151	.58	14	0	1
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	174	95	.55	9	0	0
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	437	246	.56	11	0	0
172 LEATHER TANNERIES.....	33	21	.64	18	0	1
174 SHOE FACTORIES.....	0	0	.00	0	0	0
175 LEATHER GLOVE FACTORIES.....	1	1	.51	5	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

58

MAJOR GROUP, SIC & INDUSTRY GROUP	L. P. G. USED			QUANTITY OF L. P. G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	2	1	.60	1	0	0
4 LEATHER INDUSTRIES.....	36	23	.63	3	0	0
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	0	0	.00	0	0	0
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	63	36	.57	7	0	0
184 CORDAGE AND TWINE INDUSTRY.....	3	2	.60	9	0	0
185 FELT AND FIBRE PROCESSING MILLS.....	5	3	.53	5	0	0
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	4	2	.48	3	0	0
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	120	33	.28	18	0	1
189 MISCELLANEOUS TEXTILE INDUSTRIES.....			CONFIDENTIAL			
5 TEXTILE INDUSTRIES.....	331	155	.47	11	0	0
231 HOSIERY MILLS.....	0	0	.00	0	0	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	2	2	1.15	0	0	0
6 KNITTING MILLS.....	2	2	1.15	0	0	0
243 MEN'S CLOTHING INDUSTRIES.....	0	0	.00	0	0	0
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	0	0	.00	0	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

59

MAJOR GROUP, SIC & INDUSTRY GROUP	L.P.G. USED		QUANTITY OF L.P.G. REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
248 FOUNDATION GARMENT INDUSTRY.....				CONFIDENTIAL		
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	3	2	.51	2	0	0
7 CLOTHING INDUSTRIES.....	3	2	.51	0	0	0
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	41	26	.63	6	0	0
252 VENEER AND PLYWOOD MILLS.....	34	20	.57	15	0	1
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	63	34	.54	9	0	0
256 WOODEN BOX FACTORIES.....	162	93	.57	70	2	4
258 COFFIN AND CASKET INDUSTRY.....	1	0	.57	4	0	0
259 MISCELLANEOUS WOOD INDUSTRIES.....	642	376	.59	211	4	9
8 WOOD INDUSTRIES.....	942	549	.58	43	1	2
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	60	31	.51	5	0	0
264 OFFICE FURNITURE MANUFACTURERS.....	52	26	.50	16	0	1
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	9	5	.56	2	0	0
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	0	0	.00	0	0	0
9 FURNITURE AND FIXTURE INDUSTRIES.....	122	62	.51	5	0	0
271 PULP AND PAPER MILLS.....	859	518	.60	39	0	1
272 ASPHALT ROOFING MANUFACTURERS.....	0	0	.00	0	0	0
273 PAPER BOX & BAG MANUFACTURERS.....	285	174	.61	23	0	1
274 MISCELLANEOUS PAPER CONVERTERS.....	143	84	.59	14	0	1

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

60

MAJOR GROUP, SIC & INDUSTRY GROUP	L. P. G. USED			QUANTITY OF L. P. G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
10 PAPER AND ALLIED INDUSTRIES.....	1,287	776	.60	28	0	1
286 COMMERCIAL PRINTING.....	54	29	.54	2	0	0
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	0	0	.00	0	0	0
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING AND PRINTING.....	0	0	.00	0	0	0
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	54	29	.54	1	0	0
291 IRON AND STEEL MILLS.....	313	143	.46	7	0	0
292 STEEL PIPE AND TUBE MILLS.....	68	47	.69	22	0	1
294 IRON FOUNDRIES.....	262	125	.48	37	1	1
295 SMELTING AND REFINING.....	139	79	.57	20	0	1
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	376	225	.60	85	1	4
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	1,845	973	.53	26	0	1
301 BOILER AND PLATE WORKS.....	47	30	.64	9	0	0
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	114	71	.62	22	0	1
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	87	61	.71	11	0	0
304 METAL STAMPING, PRESSING AND COATING IND....	580	329	.57	27	0	1
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	474	306	.64	40	1	2

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

61

MAJOR GROUP, SIC & INDUSTRY GROUP	L. P. G. USED		QUANTITY OF L. P. G. REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$'000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	127	75	.59	10	0	0
307 HEATING EQUIPMENT MANUFACTURERS.....	56	33	.59	18	0	1
308 MACHINE SHOPS.....	79	48	.60	17	0	1
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	408	219	.54	23	0	1
13 METAL FABRICATING INDUSTRIES.....	1,972	1,172	.59	22	0	1
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	152	85	.56	16	0	1
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	501	287	.57	13	0	0
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	16	16	.99	6	0	0
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	0	0	.00	0	0	0
14 MACHINERY INDUSTRIES.....	668	388	.58	12	0	0
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	6	4	.59	1	0	0
323 MOTOR VEHICLE MANUFACTURERS.....	586	227	.39	14	0	0
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	88	53	.60	17	0	1
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,202	643	.54	22	0	1
326 RAILROAD ROLLING STOCK INDUSTRY.....	34	19	.55	8	0	0
327 SHIPBUILDING AND REPAIR.....	78	47	.61	39	1	1
328 BOATBUILDING AND REPAIR.....	7	4	.60	7	0	0
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	0	0	.00	0	0	0
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	2,001	997	.50	17	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

62

MAJOR GROUP, SIC & INDUSTRY GROUP	L.P.G. USED		QUANTITY OF L.P.G. REQUIRED PER			
	QUANTITY (GAL 000)	COST UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	26	16	.62	6	0	0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON) .	75	50	.66	9	0	0
333 MANUFACTURERS OF LIGHTING FIXTURES.....	0	0	.00	0	0	0
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	10	6	.58	5	0	0
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	11	7	.65	0	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	108	60	.55	5	0	0
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	138	88	.64	28	0	1
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	11	7	.64	1	0	0
16 ELECTRICAL PRODUCTS INDUSTRIES.....	379	233	.62	5	0	0
351 CLAY PRODUCTS MANUFACTURERS.....	137	75	.55	55	1	2
352 CEMENT MANUFACTURERS.....	26	14	.54	19	0	0
353 STONE PRODUCTS MANUFACTURERS.....	0	0	.00	0	0	0
354 CONCRETE PRODUCTS MANUFACTURERS.....	279	158	.57	68	1	3
355 READY-MIX CONCRETE MANUFACTURERS.....	7	4	.60	3	0	0
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	363	185	.51	48	1	1
357 ABRASIVES MANUFACTURERS.....	13	11	.85	6	0	0
358 LINE MANUFACTURERS.....	0	0	.00	0	0	0
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	342	187	.55	64	1	2
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	1,167	635	.54	44	1	1

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

63

MAJOR GROUP, SIC & INDUSTRY GROUP	L.P.G. USED		QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
365 PETROLEUM REFINERIES.....	8,409	1,982	.24	767	2
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	10	6	.58	100	1
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	8,413	1,988	.24	761	2
372 MANUFACTURERS OF MIXED FERTILIZERS.....	28	21	.74	46	0
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	128	71	.56	47	0
374 MFRS PHARMACEUTICALS AND MEDICINES.....	6	4	.63	1	0
375 PAINT AND VARNISH MANUFACTURERS.....	43	20	.46	11	0
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	70	40	.57	12	0
377 MANUFACTURERS OF TOILET PREPARATIONS.....	0	0	.00	0	0
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	1,117	542	.49	78	1
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	32	17	.55	4	0
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	1,424	715	.50	30	0
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	62	31	.51	4	0
392 JEWELLERY AND SILVERWARE INDUSTRY.....	37	22	.60	8	0
393 SPORTING GOODS AND TOY INDUSTRIES.....	34	21	.61	6	0
397 SIGNS AND DISPLAYS INDUSTRY.....	47	30	.63	14	0
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	26	16	.62	3	0
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	206	121	.58	5	0
-----ALL MANUFACTURING INDUSTRIES-----	22,721	9,873	.43	26	0

***** NOTE : END OF TABLE 9 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 10

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

64

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER			
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (10N)	\$1000 OF SHIPMENTS VALUE ADDED (TON)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	1,220	50	40.76	.13	.00	.00
104 DAIRY PRODUCTS INDUSTRY.....	0	0	.00	.00	.00	.00
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	0	0	.00	.00	.00	.00
106 FEED INDUSTRY.....	0	0	.00	.00	.00	.00
107 BAKERY PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	0	0	.00	.00	.00	.00
1 FOOD AND BEVERAGE INDUSTRIES.....	1,344	71	52.94	.02	.00	.00
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
162 RUBBER PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	0	0	.00	.00	.00	.00
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
172 LEATHER TANNERIES.....	0	0	.00	.00	.00	.00
174 SHOE FACTORIES.....	0	0	.00	.00	.00	.00
175 LEATHER GLOVE FACTORIES.....	0	0	.00	.00	.00	.00

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

65

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER			
	QUANTITY (TON)	COST (\$'000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	0	0	.00	.00	.00	.00
4 LEATHER INDUSTRIES.....	0	0	.00	.00	.00	.00
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	0	0	.00	.00	.00	.00
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	0	0	.00	.00	.00	.00
184 CORDAGE AND TWINE INDUSTRY.....	0	0	.00	.00	.00	.00
185 FELT AND FIBRE PROCESSING MILLS.....	0	0	.00	.00	.00	.00
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	0	0	.00	.00	.00	.00
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	0	0	.00	.00	.00	.00
189 MISCELLANEOUS TEXTILE INDUSTRIES.....			CONFIDENTIAL			
5 TEXTILE INDUSTRIES.....	0	0	.00	.00	.00	.00
231 HOSIERY MILLS.....	0	0	.00	.00	.00	.00
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	0	0	.00	.00	.00	.00
6 KNITTING MILLS.....	0	0	.00	.00	.00	.00
243 MEN'S CLOTHING INDUSTRIES.....	0	0	.00	.00	.00	.00
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	0	0	.00	.00	.00	.00

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

66

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENT'S VALUE ADDED (TON)	\$1000 OF VALUE ADDED (TON)
248 FOUNDATION GARMENT INDUSTRY.....						
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	0	0	.00	.00	.00	.00
7 CLOTHING INDUSTRIES.....	111	5	43.24	.00	.00	.00
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	0	0	.00	.00	.00	.00
252 VENEER AND PLYWOOD MILLS.....	300	9	30.00	.13	.00	.01
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	0	0	.00	.00	.00	.00
256 WOODEN BOX FACTORIES.....	0	0	.00	.00	.00	.00
258 COFFIN AND CASKET INDUSTRY.....	0	0	.00	.00	.00	.00
259 MISCELLANEOUS WOOD INDUSTRIES.....	0	0	.00	.00	.00	.00
8 WOOD INDUSTRIES.....	300	9	30.00	.01	.00	.00
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	172	7	42.02	.01	.00	.00
264 OFFICE FURNITURE MANUFACTURERS.....	0	0	.00	.00	.00	.00
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	0	0	.00	.00	.00	.00
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	0	0	.00	.00	.00	.00
9 FURNITURE AND FIXTURE INDUSTRIES.....	172	7	42.02	.01	.00	.00
271 PULP AND PAPER MILLS.....	205,430	6,032	29.36	9.26	.12	.28
272 ASPHALT ROOFING MANUFACTURERS.....	0	0	.00	.00	.00	.00
273 PAPER BOX & BAG MANUFACTURERS.....	0	0	.00	.00	.00	.00
274 MISCELLANEOUS PAPER CONVERTERS.....	0	0	.00	.00	.00	.00

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

67

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER			
	QUANTITY (TON)	COST (\$'000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)
10 PAPER AND ALLIED INDUSTRIES.....	205,430	6,032	29.36	4.54	.07	.16
286 COMMERCIAL PRINTING.....	0	0	.00	.00	.00	.00
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	0	0	.00	.00	.00	.00
288 PUBLISHING ONLY.....	0	0	.00	.00	.00	.00
289 PUBLISHING AND PRINTING.....	0	0	.00	.00	.00	.00
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES....	0	0	.00	.00	.00	.00
291 IRON AND STEEL MILLS.....	0	0	.00	.00	.00	.00
292 STEEL PIPE AND TUBE MILLS.....	0	0	.00	.00	.00	.00
294 IRON FOUNDRIES.....	966	52	53.86	.14	.00	.01
295 SMELTING AND REFINING.....	31,276	3,045	97.37	4.45	.09	.16
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	0	0	.00	.00	.00	.00
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING..						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	37,704	3,322	88.10	.53	.01	.02
301 BOILER AND PLATE WORKS.....	0	0	.00	.00	.00	.00
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	0	0	.00	.00	.00	.00
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY..	0	0	.00	.00	.00	.00
304 METAL STAMPING, PRESSING AND COATING IND.....	0	0	.00	.00	.00	.00
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	272	8	28.03	.02	.00
307 HEATING EQUIPMENT MANUFACTURERS.....	0	0	.00	.00	.00
308 MACHINE SHOPS.....	115	6	50.13	.02	.00
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	528	16	29.84	.03	.00
13 METAL FABRICATING INDUSTRIES.....	915	29	31.85	.01	.00
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	0	0	.00	.00	.00
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	33	2	50.30	.00	.00
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	0	0	.00	.00	.00
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	0	0	.00	.00	.00
14 MACHINERY INDUSTRIES.....	33	2	50.30	.00	.00
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	0	0	.00	.00	.00
323 MOTOR VEHICLE MANUFACTURERS.....	58,919	2,697	45.78	1.41	.04
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	0	0	.00	.00	.00
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	3,548	162	45.78	.06	.00
326 RAILROAD ROLLING STOCK INDUSTRY.....	0	0	.00	.00	.00
327 SHIPBUILDING AND REPAIR.....	0	0	.00	.00	.00
328 BOATBUILDING AND REPAIR.....	0	0	.00	.00	.00
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	0	0	.00	.00	.00
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	62,467	2,860	45.78	.52	.01

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

69

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$'000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS (TON)	\$1000 OF VALUE ADDED (TON)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	0	0	.00	.00	.00	.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON) .	0	0	.00	.00	.00	.00
333 MANUFACTURERS OF LIGHTING FIXTURES.....	0	0	.00	.00	.00	.00
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	0	0	.00	.00	.00	.00
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	0	0	.00	.00	.00	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	0	0	.00	.00	.00	.00
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	0	0	.00	.00	.00	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	0	0	.00	.00	.00	.00
16 ELECTRICAL PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
351 CLAY PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00
352 CEMENT MANUFACTURERS.....	386,302	11,689	30.25	291.77	2.20	3.71
353 STONE PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00
354 CONCRETE PRODUCTS MANUFACTURERS.....	454	18	40.03	.11	.00	.00
355 READY-MIX CONCRETE MANUFACTURERS.....	0	0	.00	.00	.00	.00
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00
357 ABRASIVES MANUFACTURERS.....	0	0	.00	.00	.00	.00
358 LIME MANUFACTURERS.....	18,942	954	50.36	55.22	.47	.80
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	16,498	665	40.32	3.07	.06	.11
7 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	422,196	13,326	31.56	15.95	.26	.49

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

70

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER	
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)
				\$1000 OF SHIPMENT'S VALUE ADDED (TON)
365 PETROLEUM REFINERIES.....	0	0	.00	.00
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	0	0	.00	.00
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	0	0	.00	.00
372 MANUFACTURERS OF MIXED FERTILIZERS.....	0	0	.00	.00
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	0	0	.00	.00
374 MFRS PHARMACEUTICALS AND MEDICINES.....	0	0	.00	.00
375 PAINT AND VARNISH MANUFACTURERS.....	0	0	.00	.00
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	0	0	.00	.00
377 MANUFACTURERS OF TOILET PREPARATIONS.....	0	0	.00	.00
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	1,707	68	40.00	.12
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	0	0	.00	.00
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	1,707	68	40.00	.04
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	0	0	.00	.00
392 JEWELLERY AND SILVERWARE INDUSTRY.....	0	0	.00	.00
393 SPORTING GOODS AND TOY INDUSTRIES.....	0	0	.00	.00
397 SIGNS AND DISPLAYS INDUSTRY.....	0	0	.00	.00
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	0	0	.00	.00
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	0	0	.00	.00
-----ALL MANUFACTURING INDUSTRIES-----	732,379	25,732	35.13	.83

***** NOTE : END OF TABLE 10 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 11

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

71

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	265,004	5,916	.02	16,845	120	597
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	118,699	3,175	.03	12,691	167	434
104 DAIRY PRODUCTS INDUSTRY.....	187,472	4,370	.02	21,060	164	717
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	132,000	2,763	.02	43,336	365	997
106 FEED INDUSTRY.....	81,435	2,146	.03	24,798	155	679
107 BAKERY PRODUCTS INDUSTRIES.....	106,574	2,611	.02	8,005	212	419
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	209,906	4,615	.02	16,849	197	320
1 FOOD AND BEVERAGE INDUSTRIES.....	1,573,537	35,660	.02	18,491	184	547
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	60,966	1,448	.02	17,968	109	322
162 RUBBER PRODUCTS INDUSTRIES.....	451,107	10,034	.02	24,261	452	917
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	465,905	11,171	.02	23,445	473	1,020
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	917,012	21,204	.02	23,840	462	966
172 LEATHER TANNERIES.....	31,682	813	.03	17,228	236	706
174 SHOE FACTORIES.....	35,386	910	.03	4,279	144	285
175 LEATHER GLOVE FACTORIES.....	523	15	.03	2,043	80	148

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

72

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$'000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	13,029	330	.03	5,445	169	332
4 LEATHER INDUSTRIES.....	80,620	2,068	.03	6,320	174	380
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	20,688	517	.03	14,093	384	652
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	581,333	9,919	.02	66,076	1,066	2,428
184 CORDAGE AND TWINE INDUSTRY.....	5,236	144	.03	16,111	404	841
185 FELT AND FIBRE PROCESSING MILLS.....	16,908	432	.03	16,226	410	862
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	3,956	111	.03	3,069	100	216
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	60,429	1,344	.02	8,866	143	306
189 MISCELLANEOUS TEXTILE INDUSTRIES.....			CONFIDENTIAL			
5 TEXTILE INDUSTRIES.....	849,118	15,965	.02	27,919	530	1,168
231 HOSIERY MILLS.....	15,319	391	.03	8,553	293	540
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	40,543	1,009	.02	7,816	252	514
6 KNITTING MILLS.....	55,862	1,400	.03	8,005	262	521
*243 MEN'S CLOTHING INDUSTRIES.....	32,923	829	.03	2,529	83	162
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	1,375	41	.03	2,829	44	118

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

73

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	
248 FOUNDATION GARMENT INDUSTRY.....	5,131	139	.03	3,598	135	232	
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	65,226	1,709	.03	2,644	86	170	
7 CLOTHING INDUSTRIES.....	197,224	4,542	.02	28,633	498	1,000	
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	42,448	881	.02	18,320	477	900	
252 VENEER AND PLYWOOD MILLS.....	69,785	1,856	.03	9,734	212	476	
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	17,181	478	.03	7,431	174	387	
256 WOODEN BOX FACTORIES.....	944	29	.03	4,495	157	268	
258 COFFIN AND CASKET INDUSTRY.....	118,671	2,593	.02	38,960	743	1,648	
259 MISCELLANEOUS WOOD INDUSTRIES.....	446,253	10,380	.02	20,338	414	873	
8 WOOD INDUSTRIES.....	81,888	2,065	.03	6,401	179	351	
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	29,659	714	.02	9,115	199	357	
264 OFFICE FURNITURE MANUFACTURERS.....	33,722	851	.03	5,882	139	270	
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	4,304	108	.02	7,021	219	427	
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	149,573	3,737	.02	6,679	172	331	
9 FURNITURE AND FIXTURE INDUSTRIES.....	5,053,820	81,398	.02	227,886	2,839	6,808	
271 PULP AND PAPER MILLS.....	9,953	216	.02	25,134	186	514	
272 ASPHALT ROOFING MANUFACTURERS.....	183,318	4,102	.02	15,072	253	634	
273 PAPER BOX & BAG MANUFACTURERS.....	164,982	3,824	.02	15,753	281	643	
274 MISCELLANEOUS PAPER CONVERTERS.....							

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TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

74

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$'000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)
10 PAPER AND ALLIED INDUSTRIES.....	5,412,073	89,539	.02	119,712	1,720	4,139
286 COMMERCIAL PRINTING.....	166,225	4,049	.02	6,916	170	286
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND.....	23,278	590	.03	5,987	176	236
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING AND PRINTING.....	112,843	2,612	.02	7,082	177	241
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	302,346	7,251	.02	6,054	148	227
291 IRON AND STEEL MILLS.....	4,238,590	74,795	.02	97,939	1,077	2,563
292 STEEL PIPE AND TUBE MILLS.....	96,485	2,232	.02	31,449	296	874
294 IRON FOUNDRIES.....	343,806	8,223	.02	48,071	988	1,852
295 SMELTING AND REFINING.....	1,795,933	29,945	.02	255,722	5,430	8,942
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	215,903	3,723	.02	48,781	566	2,472
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.....						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.....						
12 PRIMARY METAL INDUSTRIES.....	6,916,530	123,840	.02	96,508	1,170	2,876
301 BOTTLER AND PLATE WORKS.....	45,540	1,158	.03	8,455	116	259
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	43,652	1,123	.03	8,271	159	305
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.....	63,517	1,812	.03	7,914	145	316
304 METAL STAMPING, PRESSING AND COATING IND.....	313,256	7,699	.02	14,469	206	503
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	228,299	5,104	.02	19,375	320	742

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TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

75

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$'000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENT'S VALUE ADDED (KWH)	\$1000 OF SHIPMENT'S VALUE ADDED (KWH)	
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	107,989	2,791	.03	8,192	207	306	
307 HEATING EQUIPMENT MANUFACTURERS.....	28,333	733	.03	8,932	175	352	
308 MACHINE SHOPS.....	25,613	727	.03	5,480	156	234	
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	225,871	5,526	.02	12,871	243	495	
13 METAL FABRICATING INDUSTRIES.....	1,082,070	26,674	.02	11,930	212	442	
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	149,632	3,075	.02	15,634	263	632	
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	330,057	8,290	.03	8,667	147	296	
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	17,904	468	.03	6,525	112	261	
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	64,956	1,426	.02	11,036	167	542	
14 MACHINERY INDUSTRIES.....	562,549	13,259	.02	9,995	167	365	
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	89,651	2,275	.03	7,974	199	280	
323 MOTOR VEHICLE MANUFACTURERS.....	726,045	14,695	.02	17,353	83	437	
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	30,820	868	.03	6,063	98	256	
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,495,091	32,505	.02	27,251	324	710	
326 RAILROAD ROLLING STOCK INDUSTRY.....	56,983	1,282	.02	13,145	189	477	
327 SHIPBUILDING AND REPAIR.....	23,704	513	.02	11,984	254	322	
328 BOATBUILDING AND REPAIR.....	6,783	190	.03	6,286	155	362	
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	560	16	.03	8,889	153	311	
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	2,429,637	52,344	.02	20,166	167	550	

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	37,851	1,000	.03	8,622	163	372
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	98,611	2,335	.02	12,035	201	436
333 MANUFACTURERS OF LIGHTING FIXTURES.....	10,170	276	.03	6,376	129	294
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	11,308	281	.02	5,411	72	148
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	190,015	4,078	.02	7,951	193	295
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	197,175	4,463	.02	9,599	237	419
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	163,166	3,553	.02	33,056	393	1,307
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	110,975	2,722	.02	10,956	280	526
16 ELECTRICAL PRODUCTS INDUSTRIES.....	819,271	18,709	.02	10,812	228	434
351 CLAY PRODUCTS MANUFACTURERS.....	83,909	1,998	.02	33,510	801	1,242
352 CEMENT MANUFACTURERS.....	615,015	10,307	.02	464,513	3,509	5,901
353 STONE PRODUCTS MANUFACTURERS.....	1,291	37	.03	6,090	146	261
354 CONCRETE PRODUCTS MANUFACTURERS.....	49,741	1,308	.03	12,141	257	471
355 READY-MIX CONCRETE MANUFACTURERS.....	33,425	895	.03	11,749	137	392
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	346,665	6,688	.02	45,554	775	1,306
357 ABRASIVES MANUFACTURERS.....	944,818	13,159	.01	436,406	6,949	16,734
358 LIME MANUFACTURERS.....	56,016	1,078	.02	163,312	1,403	2,361
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	235,316	5,247	.02	43,820	792	1,505
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	2,366,196	40,717	.02	89,392	1,437	2,721

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1978

77

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$'000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$'000 OF SHIPMENTS VALUE ADDED (KWH)	\$'000 OF KWH)
365 PETROLEUM REFINERIES.....	1,334,271	21,981	.02	121,840	397	3,107
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	5,817	166	.03	58,758	402	1,360
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	1,340,088	22,147	.02	121,275	397	3,090
372 MANUFACTURERS OF MIXED FERTILIZERS.....	9,232	248	.03	15,184	118	474
373 MERS PLASTICS AND SYNTHETIC RESINS.....	289,395	6,008	.02	106,044	756	3,043
374 MERS PHARMACEUTICALS AND MEDICINES.....	85,708	2,023	.02	10,943	179	262
375 PAINT AND VARNISH MANUFACTURERS.....	47,674	1,202	.03	11,921	139	286
376 MERS OF SOAP AND CLEANING COMPOUNDS.....	85,911	1,867	.02	14,593	146	280
377 MANUFACTURERS OF TOILET PREPARATIONS.....	20,258	478	.02	5,880	117	174
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	3,269,044	55,954	.02	227,033	1,953	5,164
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	130,613	2,983	.02	15,516	198	443
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	3,937,835	70,761	.02	83,222	900	2,010
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	116,106	2,599	.02	7,309	165	302
392 JEWELLERY AND SILVERWARE INDUSTRY.....	26,489	720	.03	5,866	60	233
393 SPORTING GOODS AND TOY INDUSTRIES.....	47,285	1,241	.03	8,153	201	402
397 SIGNS AND DISPLAYS INDUSTRY.....	17,198	458	.03	5,179	182	299
399 MISCELLANEOUS MANUFACTURING IND..N.E.S.....	98,228	2,386	.02	9,552	236	433
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	305,306	7,404	.02	7,670	162	339
-----ALL MANUFACTURING INDUSTRIES-----	29,672,068	566,217	.02	33,687	456	1,145

***** NOTE : END OF TABLE 11 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 12

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1978

78

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	000 MILLION BTU		
				L.P.G.	COAL	ELECTRICITY
						TOTAL
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	1,336	509	2,216	34	0	904
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL		
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	1,135	76	1,792	32	30	405
104 DAIRY PRODUCTS INDUSTRY.....	1,147	669	2,155	35	0	640
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	81	19	814	3	0	450
106 FEED INDUSTRY.....	401	210	816	15	0	278
107 BAKERY PRODUCTS INDUSTRIES.....	325	412	1,768	1	0	364
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL		
109 BEVERAGE INDUSTRIES.....	938	531	4,715	17	0	716
1 FOOD AND BEVERAGE INDUSTRIES.....	6,824	2,793	23,975	156	33	5,369
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL		
153 TOBACCO PRODUCTS MANUFACTURERS.....				CONFIDENTIAL		
2 TOBACCO PRODUCTS INDUSTRIES.....	182	47	281	12	0	208
162 RUBBER PRODUCTS INDUSTRIES.....	1,656	254	3,370	31	0	1,539
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	573	103	2,089	20	0	1,590
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	2,230	357	5,459	51	0	3,129
172 LEATHER TANNERIES.....	370	3	519	4	0	108
174 SHOE FACTORIES.....	53	9	176	0	0	121
175 LEATHER GLOVE FACTORIES.....	1	1	8	0	0	2
						730
						6,850
						4,375
						11,226
						1,004
						359
						2

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1978

79

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
							000 MILLION BTU
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	22	8	65	0	0	44	139
4 LEATHER INDUSTRIES.....	446	21	769	4	0	275	1,515
181 COTTON YARN AND CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	6	5	362	0	0	71	444
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	2,894	17	4,214	7	0	1,984	9,116
184 CORDAGE AND TWINE INDUSTRY.....	11	1	5	0	0	18	35
185 FELT AND FIBRE PROCESSING MILLS.....	44	3	227	1	0	58	333
186 CARPET, MAT AND RUG INDUSTRY.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	21	10	26	0	0	13	70
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	117	7	401	14	0	206	745
189 MISCELLANEOUS TEXTILE INDUSTRIES.....				CONFIDENTIAL			
5 TEXTILE INDUSTRIES.....	3,386	83	7,250	39	0	2,897	13,655
231 HOSIERY MILLS.....	40	0	106	0	0	52	198
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	227	5	620	0	0	138	990
6 KNITTING MILLS.....	267	5	727	0	0	191	1,190
243 MEN'S CLOTHING INDUSTRIES.....	97	15	164	0	0	112	388
244 WOMEN'S CLOTHING INDUSTRIES.....				CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....				CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	1	1	0	0	0	5	7

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1978

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
	000 MILLION BTU						
	CONFIDENTIAL						
248 FOUNDATION GARMENT INDUSTRY.....	10	5	43	0	0	18	76
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	137	36	307	0	3	223	706
7 CLOTHING INDUSTRIES.....	997	319	729	5	0	673	2,723
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	93	26	406	4	7	145	681
252 VENEER AND PLYWOOD MILLS.....	178	173	381	7	0	238	977
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	137	47	133	19	0	59	395
256 WOODEN BOX FACTORIES.....	5	9	11	0	0	3	28
258 COFFIN AND CASKET INDUSTRY.....	132	30	1,856	75	0	405	2,498
259 MISCELLANEOUS WOOD INDUSTRIES.....	1,543	605	3,517	110	7	1,523	7,305
8 WOOD INDUSTRIES.....	214	59	528	7	4	279	1,091
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	53	11	398	6	0	101	569
264 OFFICE FURNITURE MANUFACTURERS.....	74	51	361	1	0	115	602
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	3	4	21	0	0	15	43
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	344	126	1,308	14	4	510	2,306
9 FURNITURE AND FIXTURE INDUSTRIES.....	12,163	102	46,678	101	5,118	17,244	81,406
271 PULP AND PAPER MILLS.....	104	3	264	0	0	34	405
272 ASPHALT ROOFING MANUFACTURERS.....	244	144	1,497	33	0	625	2,543
273 PAPER BOX & BAG MANUFACTURERS.....	192	55	1,650	17	0	563	2,477
274 MISCELLANEOUS PAPER CONVERTERS.....							

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L. P. G.	COAL	ELECTRICITY	TOTAL
000 MILLION BTU							
10 PAPER AND ALLIED INDUSTRIES.....	12,704	304	50,088	151	5,118	18,466	86,831
286 COMMERCIAL PRINTING.....	172	148	931	6	0	567	1,824
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	21	50	87	0	0	79	237
288 PUBLISHING ONLY.....	0	0	0	0	0	0	0
289 PUBLISHING AND PRINTING.....	65	209	322	0	0	385	981
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	258	407	1,340	6	0	1,032	3,043
291 IRON AND STEEL MILLS.....	22,758	167	40,921	37	0	14,462	78,345
292 STEEL PIPE AND TUBE MILLS.....	134	8	1,292	8	0	329	1,771
294 IRON FOUNDRIES.....	270	21	1,865	31	24	1,173	3,384
295 SMELTING AND REFINING.....	5,204	26	9,552	16	779	6,128	21,705
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	576	19	1,314	44	0	737	2,690
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.				CONFIDENTIAL			
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.				CONFIDENTIAL			
12 PRIMARY METAL INDUSTRIES.....	29,699	336	57,270	216	939	23,599	112,059
301 BOILER AND PLATE WORKS.....	115	29	441	5	0	155	745
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	154	102	383	13	0	149	801
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	93	100	552	10	0	217	972
304 METAL STAMPING, PRESSING AND COATING IND....	432	165	4,129	68	0	1,069	5,863
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	97	31	2,760	55	0	779	3,722

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L. P. G.	000 MILLION BTU		
					COAL	ELECTRICITY	TOTAL
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	72	75	905	15	7	368	1,442
* 307 HEATING EQUIPMENT MANUFACTURERS.....	12	13	283	7	0	97	412
308 MACHINE SHOPS.....	61	61	151	9	3	87	372
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	816	147	3,234	48	13	771	5,029
13 METAL FABRICATING INDUSTRIES.....	1,852	724	12,838	231	23	3,692	19,360
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	364	41	1,979	18	0	511	2,913
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	615	183	2,680	59	1	1,126	4,664
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	21	17	234	2	0	61	335
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	19	120	243	0	0	222	604
14 MACHINERY INDUSTRIES.....	1,018	361	5,136	78	1	1,919	8,513
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	497	28	500	1	0	306	1,332
323 MOTOR VEHICLE MANUFACTURERS.....	3,537	601	4,534	69	1,468	2,477	12,686
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	66	54	340	10	0	105	575
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,780	228	8,656	141	88	5,101	15,994
326 RAILROAD ROLLING STOCK INDUSTRY.....	310	13	636	4	0	194	1,157
327 SHIPBUILDING AND REPAIR.....	12	18	102	9	0	81	222
328 BOATBUILDING AND REPAIR.....	19	14	44	1	0	23	101
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	0	1	6	0	0	2	9
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	6,221	957	14,817	234	1,556	8,290	32,075

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
							000 MILLION BTU
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	37	12	626	3	0	129	807
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON) ..	167	1	1,446	9	0	336	1,959
333 MANUFACTURERS OF LIGHTING FIXTURES.....	18	9	93	0	0	35	155
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	21	0	61	1	0	39	122
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	187	35	727	1	0	648	1,598
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	310	44	1,546	13	0	673	2,586
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	93	7	925	16	0	557	1,598
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	118	46	822	1	0	379	1,366
16 ELECTRICAL PRODUCTS INDUSTRIES.....	951	153	6,245	44	0	2,795	10,188
351 CLAY PRODUCTS MANUFACTURERS.....	207	31	3,971	16	0	286	4,511
352 CEMENT MANUFACTURERS.....	3,747	11	6,071	3	9,624	2,098	21,554
353 STONE PRODUCTS MANUFACTURERS.....	1	5	10	0	0	4	20
354 CONCRETE PRODUCTS MANUFACTURERS.....	787	240	1,033	33	11	170	2,274
355 READY-MIX CONCRETE MANUFACTURERS.....	1,037	128	334	1	0	114	1,614
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	45	24	9,205	42	0	1,183	10,499
357 ABRASIVES MANUFACTURERS.....	50	11	428	2	0	3,224	3,715
358 LIME MANUFACTURERS.....	3,281	8	1,750	0	472	191	5,702
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	2,607	48	3,650	40	411	803	7,559
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	11,761	506	26,453	137	10,518	8,073	57,448

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L. P. G.	COAL	ELECTRICITY	TOTAL
	000 MILLION BTU						
365 PETROLEUM REFINERIES.....	225	33	9,878	983	0	4,553	15,672
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES..	175	0	117	1	0	20	313
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	400	33	9,995	984	0	4,572	15,984
372 MANUFACTURERS OF MIXED FERTILIZERS.....	3	43	11	3	0	31	91
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	1,600	10	1,893	15	0	987	4,505
374 MFRS PHARMACEUTICALS AND MEDICINES.....	116	96	812	1	0	292	1,317
375 PAINT AND VARNISH MANUFACTURERS.....	305	38	354	5	0	163	865
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	854	21	1,412	8	0	293	2,588
377 MANUFACTURERS OF TOILET PREPARATIONS.....	117	17	166	0	0	69	369
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	11,448	94	48,151	131	43	11,154	71,021
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	910	103	1,174	4	0	446	2,637
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES...	15,353	421	53,973	167	43	13,436	83,393
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	683	93	358	7	0	396	1,537
392 JEWELLERY AND SILVERWARE INDUSTRY.....	9	21	214	4	0	90	338
393 SPORTING GOODS AND TOY INDUSTRIES.....	141	38	372	4	0	161	716
397 SIGNS AND DISPLAYS INDUSTRY.....	25	73	178	5	0	59	340
399 MISCELLANEOUS MANUFACTURING IND..N.E.S.....	202	60	1,022	3	0	335	1,622
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1,060	285	2,143	24	0	1,042	4,554
-----ALL MANUFACTURING INDUSTRIES-----	96,635	8,561	283,890	2,658	18,246	101,241	511,231

***** NOTE : END OF TABLE 12 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000's)	VALUE ADDED IN MANUFACTURING (\$000's)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000's)	NET INVENTORY CHANGE (\$000's)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000's)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	1,771,520	444,054	17,009	16,364	2,216,219
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL		
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES.....	438,287	273,483	9,976	10,851	710,895
104 DAIRY PRODUCTS INDUSTRY.....	873,962	261,603	15,740	6,557	1,144,748
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	225,589	132,456	4,731	767	362,010
106 FEED INDUSTRY.....	402,052	119,980	6,439	1,413	527,059
107 BAKERY PRODUCTS INDUSTRIES.....	236,047	254,504	9,888	-2,171	502,610
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL		
109 BEVERAGE INDUSTRIES.....	386,737	656,593	19,119	-3,429	1,065,878
1 FOOD AND BEVERAGE INDUSTRIES.....	5,605,336	2,875,618	118,248	42,671	8,556,531
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL		
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL		
2 TOBACCO PRODUCTS INDUSTRIES.....	383,831	189,306	2,828	18,857	557,109
162 RUBBER PRODUCTS INDUSTRIES.....	469,409	491,893	22,318	-14,010	997,630
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	516,768	456,935	19,340	7,866	985,178
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	986,177	948,828	41,658	-6,144	1,982,807
172 LEATHER TANNERIES.....	90,122	44,906	2,806	3,529	134,305
174 SHOE FACTORIES.....	123,821	124,243	1,506	4,166	245,404
175 LEATHER GLOVE FACTORIES.....	3,056	3,529	42	83	6,544

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	37,523	39,209	579	274	77,038
4 LEATHER INDUSTRIES.....	254,522	211,887	4,933	8,052	463,290
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	20,565	31,732	1,297	-214	53,809
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	278,907	239,391	23,907	-3,357	545,562
184 CORDAGE AND TWINE INDUSTRY.....	6,645	6,229	194	114	12,954
185 FELT AND FIBRE PROCESSING MILLS.....	20,420	19,613	1,062	-111	41,206
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	20,890	18,285	289	4	39,460
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	221,669	197,724	2,951	-1,384	423,727
189 MISCELLANEOUS TEXTILE INDUSTRIES.....			CONFIDENTIAL		
5 TEXTILE INDUSTRIES.....	830,693	726,787	38,724	-6,054	1,602,257
231 HOSIERY MILLS.....	23,360	28,376	722	224	52,234
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	81,209	78,822	2,863	1,875	161,019
6 KNITTING MILLS.....	104,569	107,197	3,585	2,099	213,252
243 MEN'S CLOTHING INDUSTRIES.....	197,724	203,014	1,589	5,399	396,928
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	19,266	11,651	52	-315	31,285

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

87

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES		VALUE ADDED IN MANUFACTURING		CONSUMPTION OF FUEL AND ELECTRICITY		NET INVENTORY CHANGE		VALUE OF SHIPMENTS OF OWN MANUFACTURE	
	(\$'000'S)		(\$'000'S)		(\$'000'S)		(\$'000'S)		(\$'000'S)	
248 FOUNDATION GARMENT INDUSTRY.....						CONFIDENTIAL				
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	16,375		22,128		291		763		38,031	
7 CLOTHING INDUSTRIES.....	376,572		383,360		3,072		8,317		754,687	
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	187,757		197,297		11,727		697		396,084	
252 VENEER AND PLYWOOD MILLS.....	39,126		47,169		2,140		-511		88,946	
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	178,216		146,668		4,314		494		328,704	
256 WOODEN BOX FACTORIES.....	53,651		44,437		1,478		999		98,567	
258 COFFIN AND CASKET INDUSTRY.....	2,631		3,518		128		250		6,027	
259 MISCELLANEOUS WOOD INDUSTRIES.....	80,276		72,010		7,925		578		159,634	
8 WOOD INDUSTRIES.....	541,657		511,099		27,712		2,507		1,077,961	
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	218,992		233,620		4,321		-379		457,313	
264 OFFICE FURNITURE MANUFACTURERS.....	64,235		83,120		1,816		403		148,768	
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	117,654		124,918		2,162		2,687		242,047	
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	9,617		10,068		180		169		19,696	
9 FURNITURE AND FIXTURE INDUSTRIES.....	410,499		451,727		8,479		2,880		867,824	
271 PULP AND PAPER MILLS.....	828,876		742,298		210,538		1,458		1,780,255	
272 ASPHALT ROOFING MANUFACTURERS.....	31,166		19,372		1,073		-1,866		53,478	
273 PAPER BOX & BAG MANUFACTURERS.....	431,365		289,214		8,969		4,603		724,944	
274 MISCELLANEOUS PAPER CONVERTERS.....	324,880		256,570		8,249		2,680		587,020	

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
10 PAPER AND ALLIED INDUSTRIES.....	1,616,288	1,307,455	228,829	6,875	3,145,697
286 COMMERCIAL PRINTING.....	399,619	580,914	7,915	13,353	975,095
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	32,872	98,738	1,198	525	132,283
288 PUBLISHING ONLY.....	122,037	183,554	0	661	304,929
289 PUBLISHING AND PRINTING.....	164,425	467,508	4,805	357	636,382
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	718,953	1,330,713	13,919	14,896	2,048,689
291 IRON AND STEEL MILLS.....	2,028,706	1,653,559	210,760	-44,272	3,937,296
292 STEEL PIPE AND TUBE MILLS.....	211,732	110,335	5,294	1,735	325,625
294 IRON FOUNDRIES.....	148,246	185,639	14,137	41	347,981
295 SMELTING AND REFINING.....	59,838	200,831	61,690	-8,387	330,746
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	291,487	87,354	8,305	5,362	381,785
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.			CONFIDENTIAL		
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.			CONFIDENTIAL		
12 PRIMARY METAL INDUSTRIES.....	3,154,290	2,405,316	313,015	-39,525	5,912,146
301 BOILER AND PLATE WORKS.....	215,561	175,889	2,688	189	393,950
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	142,991	143,013	3,169	14,419	274,754
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	233,790	200,941	4,112	749	438,094
304 METAL STAMPING, PRESSING AND COATING IND.....	897,330	623,019	19,355	19,281	1,520,423
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	397,297	307,706	11,677	3,758	712,922

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$'000'S)	VALUE ADDED IN MANUFACTURING (\$'000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$'000'S)	NET INVENTORY CHANGE (\$'000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$'000'S)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	175,249	352,390	5,616	12,018	521,238
307 HEATING EQUIPMENT MANUFACTURERS.....	80,134	80,604	1,503	233	162,009
308 MACHINE SHOPS.....	54,095	109,340	1,649	867	164,218
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	462,912	456,615	15,543	7,407	927,663
13 METAL FABRICATING INDUSTRIES.....	2,659,359	2,449,518	65,313	58,920	5,115,271
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	333,909	236,839	8,336	10,731	568,353
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1,122,716	1,115,673	17,072	5,321	2,250,140
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	90,885	68,677	1,132	1,057	159,636
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	267,886	119,910	2,693	1,185	389,304
14 MACHINERY INDUSTRIES.....	1,815,396	1,541,099	29,233	18,294	3,367,434
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS....	204,007	320,584	4,534	77,740	451,385
323 MOTOR VEHICLE MANUFACTURERS.....	7,124,668	1,660,572	37,367	72,027	8,750,579
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	193,356	120,382	2,203	1,072	314,869
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	2,441,526	2,104,594	60,673	-11,005	4,617,798
326 RAILROAD ROLLING STOCK INDUSTRY.....	186,537	119,410	3,388	7,327	302,008
327 SHIPBUILDING AND REPAIR.....	22,771	73,726	928	4,218	93,206
328 BOATBUILDING AND REPAIR.....	25,829	18,712	439	1,134	43,846
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	1,701	1,801	38	-131	3,670
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	10,200,395	4,419,781	109,569	152,384	14,577,361

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

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MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$'000'S)	VALUE ADDED IN MANUFACTURING (\$'000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$'000'S)	NET INVENTORY CHANGE (\$'000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$'000'S)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	130,915	101,821	2,575	3,169	232,141
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON) .	256,133	225,971	5,747	-2,740	490,590
333 MANUFACTURERS OF LIGHTING FIXTURES.....	44,974	34,627	579	1,475	78,705
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	76,584	76,471	498	-2,923	156,475
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	338,096	643,563	6,362	1,964	986,058
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	365,715	470,571	8,774	13,006	832,053
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	303,702	124,864	5,879	19,733	414,712
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	188,409	210,977	5,207	8,447	396,146
16 ELECTRICAL PRODUCTS INDUSTRIES.....	1,704,528	1,888,866	35,620	42,132	3,586,882
351 CLAY PRODUCTS MANUFACTURERS.....	26,541	67,580	11,170	530	104,761
352 CEMENT MANUFACTURERS.....	26,968	104,215	41,147	-2,954	175,284
353 STONE PRODUCTS MANUFACTURERS.....	3,775	4,946	92	-38	8,851
354 CONCRETE PRODUCTS MANUFACTURERS.....	78,870	105,631	7,773	-1,576	193,851
355 READY-MIX CONCRETE MANUFACTURERS.....	152,396	85,205	6,143	197	243,547
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	150,186	265,528	25,554	-6,191	447,460
357 ABRASIVES MANUFACTURERS.....	66,033	56,461	14,245	772	135,967
358 LIME MANUFACTURERS.....	3,716	23,725	12,542	71	39,912
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	124,175	156,397	22,061	5,388	297,244
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	632,660	869,689	140,727	-3,801	1,646,876

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

91

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES		VALUE ADDED IN MANUFACTURING		CONSUMPTION OF FUEL AND ELECTRICITY		NET INVENTORY CHANGE		VALUE OF SHIPMENTS OF OWN MANUFACTURE	
	(\$000'S)		(\$000'S)		(\$000'S)		(\$000'S)		(\$000'S)	
365 PETROLEUM REFINERIES.....	2,894,212		429,467		48,897		9,048		3,363,527	
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	9,292		4,276		872		-44		14,484	
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	2,903,504		433,743		49,769		9,005		3,378,011	
372 MANUFACTURERS OF MIXED FERTILIZERS.....	58,123		19,460		557		185		77,955	
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	287,179		95,112		14,921		14,490		382,722	
374 MFRS PHARMACEUTICALS AND MEDICINES.....	160,175		326,651		4,643		11,645		479,823	
375 PAINT AND VARNISH MANUFACTURERS.....	180,660		166,899		3,100		8,858		341,801	
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	299,660		306,766		6,792		24,124		589,095	
377 MANUFACTURERS OF TOILET PREPARATIONS.....	58,201		116,228		1,224		1,949		173,704	
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	812,632		633,052		244,719		16,753		1,673,649	
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	359,234		294,745		8,759		4,401		658,337	
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	2,215,864		1,958,913		284,714		82,405		4,377,086	
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	326,443		384,061		5,412		12,387		703,530	
392 JEWELLERY AND SILVERWARE INDUSTRY.....	335,910		113,473		1,364		11,113		439,634	
393 SPORTING GOODS AND TOY INDUSTRIES.....	113,083		117,738		2,689		-2,072		235,582	
397 SIGNS AND DISPLAYS INDUSTRY.....	35,607		57,486		1,386		69		94,410	
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	184,045		226,890		5,548		555		415,928	
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	995,089		899,648		16,399		22,053		1,889,083	
-----ALL MANUFACTURING INDUSTRIES-----	38,110,181		25,910,549		1,536,347		436,820		65,120,257	

***** NOTE : END OF TABLE 13 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 14

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

92

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	206	15,732	239,285	15,210
102 FISH PRODUCTS INDUSTRY.....	16	CONFIDENTIAL		
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	111	9,353	119,360	12,762
104 DAIRY PRODUCTS INDUSTRY.....	174	8,902	125,235	14,068
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	24	3,046	49,015	16,092
106 FEED INDUSTRY.....	203	3,284	45,389	13,821
107 BAKERY PRODUCTS INDUSTRIES.....	458	13,314	167,073	12,549
108 MISCELLANEOUS FOOD INDUSTRIES.....	168	CONFIDENTIAL		
109 BEVERAGE INDUSTRIES.....	107	12,458	219,711	17,636
1 FOOD AND BEVERAGE INDUSTRIES.....	1,467	85,096	1,233,882	14,500
151 LEAF TOBACCO PROCESSORS.....	5	CONFIDENTIAL		
153 TOBACCO PRODUCTS MANUFACTURERS.....	5	CONFIDENTIAL		
2 TOBACCO PRODUCTS INDUSTRIES.....	10	3,393	56,701	16,711
162 RUBBER PRODUCTS INDUSTRIES.....	72	18,594	269,775	14,509
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	423	19,872	237,738	11,963
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	495	38,466	507,513	13,194
172 LEATHER TANNERIES.....	15	1,839	23,390	12,719
174 SHOE FACTORIES.....	69	8,269	82,044	9,922
175 LEATHER GLOVE FACTORIES.....	7	256	2,384	9,314

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	72	2,393	23,139	9,669
4 LEATHER INDUSTRIES.....	163	12,757	130,957	10,266
181 COTTON YARN AND CLOTH MILLS.....	5	CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	10	1,468	16,770	11,424
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	41	8,798	120,735	13,723
184 CORDAGE AND TWINE INDUSTRY.....	6	325	3,666	11,279
185 FELT AND FIBRE PROCESSING MILLS.....	24	1,042	12,550	12,045
186 CARPET, MAT AND RUG INDUSTRY.....	13	CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	80	1,289	13,062	10,133
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	19	6,816	104,237	15,293
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	187	CONFIDENTIAL		
5 TEXTILE INDUSTRIES.....	385	30,414	387,681	12,747
231 HOSIERY MILLS.....	26	1,791	17,122	9,560
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	57	5,187	49,812	9,603
6 KNITTING MILLS.....	83	6,978	66,934	9,592
243 MEN'S CLOTHING INDUSTRIES.....	137	13,017	123,389	9,479
244 WOMEN'S CLOTHING INDUSTRIES.....	152	CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....	22	CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	72	486	5,855	12,048

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

94

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER		TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
	ESTABLISHMENTS	OF EMPLOYEES		
248 FOUNDATION GARMENT INDUSTRY.....	8	CONFIDENTIAL		
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	40	1,426	13,340	9,355
7 CLOTHING INDUSTRIES.....	431	24,669	236,590	9,591
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	225	6,888	95,015	13,794
252 VENEER AND PLYWOOD MILLS.....	22	2,317	28,108	12,131
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	303	7,169	87,361	12,186
256 WOODEN BOX FACTORIES.....	77	2,312	26,311	11,380
258 COFFIN AND CASKET INDUSTRY.....	6	210	2,544	12,115
259 MISCELLANEOUS WOOD INDUSTRIES.....	74	3,046	39,921	13,106
8 WOOD INDUSTRIES.....	707	21,942	279,260	12,727
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	556	12,793	142,516	11,140
264 OFFICE FURNITURE MANUFACTURERS.....	46	3,254	43,459	13,355
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	173	5,733	71,484	12,469
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	27	613	5,274	8,604
9 FURNITURE AND FIXTURE INDUSTRIES.....	802	22,393	262,732	11,733
271 PULP AND PAPER MILLS.....	37	22,177	419,289	18,906
272 ASPHALT ROOFING MANUFACTURERS.....	5	396	5,526	13,955
273 PAPER BOX & BAG MANUFACTURERS.....	153	12,163	174,464	14,344
274 MISCELLANEOUS PAPER CONVERTERS.....	124	10,473	148,113	14,142

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

95

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
10 PAPER AND ALLIED INDUSTRIES.....	319	45,209	747,393	16,532
286 COMMERCIAL PRINTING.....	969	24,036	352,980	14,685
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	193	3,888	63,765	16,401
288 PUBLISHING ONLY.....	270	6,083	81,156	13,341
289 PUBLISHING AND PRINTING.....	229	15,933	237,755	14,922
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,661	49,940	735,657	14,731
291 IRON AND STEEL MILLS.....	20	43,278	809,668	18,709
292 STEEL PIPE AND TUBE MILLS.....	14	3,068	51,922	16,924
294 IRON FOUNDRIES.....	54	7,152	112,738	15,763
295 SMELTING AND REFINING.....	10	7,023	129,908	18,498
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	33	4,426	64,245	14,515
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.	48	CONFIDENTIAL		
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.	31	CONFIDENTIAL		
12 PRIMARY METAL INDUSTRIES.....	208	71,668	1,261,190	17,598
301 BOILER AND PLATE WORKS.....	45	5,386	103,866	19,284
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	77	5,278	89,457	16,949
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	298	8,026	110,917	13,820
304 METAL STAMPING, PRESSING AND COATING IND.....	447	21,650	318,164	14,696
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	184	11,783	169,044	14,346

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

96

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	516	13,183	194,239	14,734
307 HEATING EQUIPMENT MANUFACTURERS.....	57	3,172	44,353	13,983
308 MACHINE SHOPS.....	367	4,674	67,698	14,484
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	362	17,549	237,552	13,536
13 METAL FABRICATING INDUSTRIES.....	2,353	90,701	1,335,290	14,722
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	59	9,571	169,785	17,740
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	588	38,080	558,663	14,671
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	33	2,744	40,788	14,864
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	33	5,886	91,903	15,614
14 MACHINERY INDUSTRIES.....	713	56,281	861,139	15,301
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	43	11,243	182,972	16,274
323 MOTOR VEHICLE MANUFACTURERS.....	11	41,839	827,716	19,783
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	95	5,083	71,240	14,015
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	204	54,863	983,128	17,920
326 RAILROAD ROLLING STOCK INDUSTRY.....	8	4,335	78,440	18,095
327 SHIPBUILDING AND REPAIR.....	11	1,978	31,152	15,749
328 BOATBUILDING AND REPAIR.....	65	1,079	12,354	11,450
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	5	63	751	11,919
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	442	120,483	2,187,753	18,158

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	42	4,390	58,200	13,257
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).	22	8,194	118,129	14,417
333 MANUFACTURERS OF LIGHTING FIXTURES.....	42	1,595	19,560	12,263
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	12	2,090	25,936	12,410
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	187	23,899	348,143	14,567
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	148	20,541	308,017	14,995
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	19	4,936	75,837	15,364
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	95	10,129	134,324	13,261
16 ELECTRICAL PRODUCTS INDUSTRIES.....	567	75,774	1,088,147	14,360
351 CLAY PRODUCTS MANUFACTURERS.....	82	2,504	34,299	13,698
352 CEMENT MANUFACTURERS.....	7	1,324	24,861	18,777
353 STONE PRODUCTS MANUFACTURERS.....	37	212	2,565	12,099
354 CONCRETE PRODUCTS MANUFACTURERS.....	197	4,097	61,862	15,099
355 READY-MIX CONCRETE MANUFACTURERS.....	128	2,845	51,797	18,206
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	48	7,610	126,027	16,561
357 ABRASIVES MANUFACTURERS.....	18	2,165	33,044	15,263
358 LIME MANUFACTURERS.....	6	343	5,550	16,181
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	51	5,370	86,307	16,072
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	574	26,470	426,312	16,105

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1978

98

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
365 PETROLEUM REFINERIES.....	22	10,951	252,441	23,052
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	15	99	1,573	15,885
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	37	11,050	254,013	22,988
372 MANUFACTURERS OF MIXED FERTILIZERS.....	48	608	8,307	13,663
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	31	2,729	50,354	18,452
374 MFRS PHARMACEUTICALS AND MEDICINES.....	80	7,832	116,899	14,926
375 PAINT AND VARNISH MANUFACTURERS.....	78	3,999	56,894	14,227
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	54	5,887	99,644	16,926
377 MANUFACTURERS OF TOILET PREPARATIONS.....	45	3,445	42,577	12,359
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	62	14,399	300,692	20,883
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	195	8,418	126,514	15,029
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	593	47,317	801,881	16,947
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	327	15,885	225,233	14,179
392 JEWELLERY AND SILVERWARE INDUSTRY.....	147	4,516	57,603	12,755
393 SPORTING GOODS AND TOY INDUSTRIES.....	116	5,800	67,962	11,718
397 SIGNS AND DISPLAYS INDUSTRY.....	195	3,321	40,844	12,299
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	284	10,283	117,286	11,406
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1,069	39,805	508,928	12,786
-----ALL MANUFACTURING INDUSTRIES-----	13,079	880,806	13,369,952	15,179

***** NOTE : END OF TABLE 14 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

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Consumption of Fuel and Electricity by Ontario Manufacturing Industries

Report for 1979



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PREFACE

Consumption of Fuel and Electricity by Ontario Manufacturing Industries is an annual publication. This ninth issue in a series, covers an extensive range of data on energy use in the Ontario manufacturing sector. The data presented are based on the Annual Census of Manufactures for 1979, the latest year for which detailed figures are available.

The publication is intended to provide an important basis for economic analysis and policy development. It contains a brief introductory section which outlines the highlights of the data. The main body of this report consists of 14 tables. These comprise aggregations at 2 digit, major group and 3 digit industry group levels representing data on energy use, production statistics and related ratios.

The Explanatory Text contains a table of factors for converting various fuel quantities into BTU (British Thermal Unit) and/or kWh (kilowatt-hour) equivalents. These factors have been used in calculating the figures in Table 12.

November 1981

EXPLANATORY TEXT

ENERGY CONSUMED

In the publication, data on fuel and electricity consumed excludes items such as coal, coke, natural gas, etc., which are used as catalysts or components of manufactured products, etc., reported as manufacturing materials and supplies. This applies also to data of establishments which are not required to report similar items separately from materials, supplies and services in Annual Census. The above definition is consistent with information provided in previous publications of this series.

DIRECT ENERGY REQUIREMENTS

In this issue the term "Direct Energy Requirements" is used interchangeably with "Energy Consumption".

CONFIDENTIALITY OF DATA

Central Statistical Services is prohibited by law from publishing any statistics which would divulge information relating to any individual company in the Annual Census of Manufactures. In collaboration with Statistics Canada and the other Provinces, it is frequently necessary to suppress any information that may create residual disclosure, at the national and/or provincial levels. In such cases, all suppressed data are marked as "CONFIDENTIAL".

SIC

SIC refers to the Standard Industrial Classification. The classification of industries used in this publication is based on the Standard Industrial Classification Manual (revised 1970 edition Catalogue Number 12-501) published by Statistics Canada.

CONVERSION TABLE

In order to provide a common basis when comparing energy statistics, the following table gives heat equivalent units in terms of BTU's (British Thermal Units) for various fuels presented in this publication.

Fuel Type	Natural Unit	Heat Equivalents	
		BTU Million	kWh
Coal	Short Ton	24.9128	7,302
Natural Gas	Cubic Foot	0.0010	0.2931
Gasoline	Canadian Gallon	0.1492	44
Fuel Oil	Canadian Gallon	0.1769	52
Liquid Petroleum Gas	Canadian Gallon	0.1170	34
Electricity	Kilowatt-Hour	0.003412	-

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ENERGY USED BY ONTARIO MANUFACTURING

The total value of energy consumed by Ontario manufacturing industries in 1979 exceeded \$1,738 million; an increase of 13.2 per cent over the previous year.

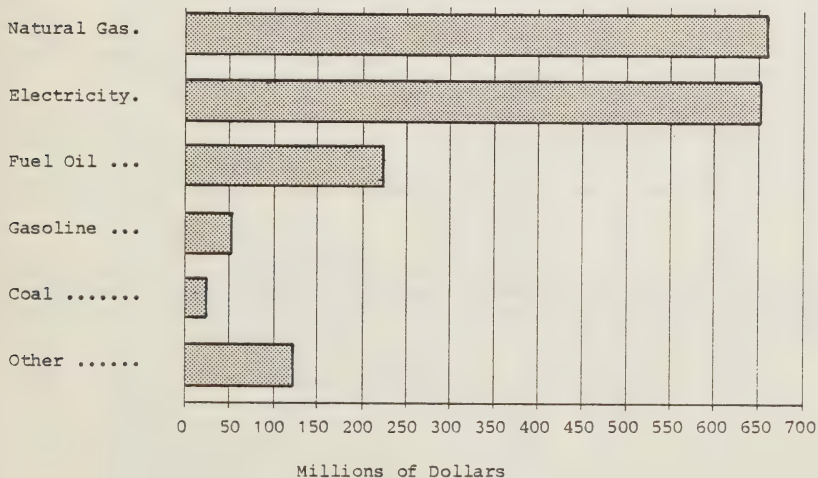
The type of energy used by Ontario manufacturing industries is outlined in the following table and chart:

Table A

Expenditure on Energy by Ontario Manufacturing Industries, 1979

	<u>\$ Million</u>	<u>Percent</u>
Natural Gas	660.0	38.0
Electricity	650.6	37.4
Fuel Oil	223.6	12.9
Gasoline	51.4	2.9
Coal	29.0	1.7
Other	124.4	7.1
Total	1,739.0	100.0

Expenditure on Energy by Ontario Manufacturing Industries, 1979



ENERGY INTENSIVE INDUSTRIES

In terms of value added, the six most energy intensive industries are: pulp and paper mills, industrial chemicals, smelting and refining, cement manufacturers, abrasives manufacturers, and lime manufacturers. The following table shows that intensity of energy use is not directly related to value added.

While six industries listed in the table below consumed 38.0 per cent of the total value of fuel and electricity used by Ontario manufacturers, they accounted for a relatively small proportion (7.6 per cent) of total value added in manufacturing.

Table B

Ontario's Energy Intensive Manufacturing Industries, 1979*

SIC Code	Industries	Value Added in Mfg. (\$ million)	Energy Cost Per \$000 Value Added (\$)	Energy Cost Per Person Employed (\$)
271	Pulp and Paper Mills	977.1	237	10,289
378	Industrial Chemicals	880.7	317	18,158
295	Smelting and Refining	221.7	289	9,891
352	Cement Manufacturers	136.6	377	37,575
357	Abrasives Manufacturers	64.7	247	7,276
358	Lime Manufacturers	23.8	772	39,681
	Total (6 Industries)	2,304.6		
	Per Cent of Total Value Added in Manufacturing	7.6		
	Per Cent of Total Energy Consumption in Manufacturing	38.0		

*Definition

Energy intensive industries in this study have been defined as those for which the energy cost per thousand dollars of value added are at least three times the average cost of \$57.34.

ENERGY USE BY LARGE MANUFACTURING INDUSTRIES

In 1979, fuel and electricity costs for the total Ontario manufacturing sector, were equivalent to 2.3 per cent of value of shipments of goods of own manufacture and 3.8 per cent of value of raw materials and supplies used. Since only four industries consume 46.6 per cent of total fuel and electricity, it follows that the majority of industries, including most of the large ones, are not energy intensive by the definition on page ii.

The table below outlines energy use for Ontario's twenty largest industries based on value added, of which only two are energy intensive.

Table C

Energy Use by Twenty Largest Manufacturing Industries in Ontario, 1979

SIC Code	Industries	Amount Spent on Energy			
		Value Added in Mfg.	Per \$000 Value Added Mfg.	Per Person Employed	Per \$000 Shipments
		(\$ million)	(\$)	(\$)	(\$)
325	Motor Vehicle Parts and Accessories	2,059	31	1,202	15
291	Iron and Steel Mills	2,039	115	5,159	49
323	Motor Vehicle Manufacturers	1,702	23	918	4
315	Miscellaneous Machinery and Equipment Manufacturers	1,379	14	492	7
271	Pulp and Paper Mills	977	237	10,289	104
378	Industrial Chemicals	881	317	18,158	121
335	Communications Equipment	746	10	309	7
109	Beverage Industries	729	31	1,726	19
304	Metal Stamping, Pressing and Coating	715	29	999	12
286	Commercial Printing	689	14	374	8
162	Rubber Products Industries	606	42	1,329	21
336	Electrical Industrial Equipment	594	18	483	10
165	Plastic Fabricating Ind., n.e.s.	558	41	1,117	19
289	Publishing and Printing	531	10	318	7
101	Meat and Poultry Products	519	41	1,269	8
309	Miscellaneous Metal Fabricating	497	36	1,066	17
391	Scientific and Professional Equipment Industries	447	14	377	8
306	Hardware, Tool and Cutlery	434	15	453	10
365	Petroleum Refineries	427	136	5,508	14
374	Pharmaceuticals and Medicines	375	14	556	9
Total		16,904			
Per cent of Total Value Added in Manufacturing		55.7			

LARGEST USERS OF ENERGY

Four industries consumed 46.6 percent, by value, of energy used in Ontario Manufacturing. Industrial chemicals was found to be the largest user; the other three industries are: iron and steel mills, pulp and paper mills, and smelting and refining.

Table D

Largest Manufacturing Energy Users in Ontario, 1979

<u>SIC Code</u>	<u>Industries</u>	<u>All Sources</u>	<u>Electricity</u>	<u>Natural Gas</u>	<u>Fuel Oil</u>	<u>Coal</u>	<u>Gasoline</u>
Per cent of Total Manufacturing Use							
378	Industrial Chemicals	16.1	10.1	16.7	10.1	-	0.9
291	Iron and Steel Mills	13.5	13.2	14.8	22.4	-	1.6
271	Pulp and Paper Mills	13.3	14.1	15.3	11.3	18.2	1.1
295	Smelting and Refining	3.7	5.2	2.9	4.6	1.8	0.3

ENERGY AND EMPLOYMENT

The following table shows the ten industries which in 1979 sustained the highest energy cost per person employed.

Table E

Energy Costs Per Person Employed in Ontario, 1979

<u>SIC Code</u>	<u>Industries</u>	<u>Energy Cost Per Person Employed</u>	<u>Total Employment</u>
		\$	(Persons)
358	Lime Manufacturers	39,681	463
352	Cement Manufacturers	37,575	1,372
378	Industrial Chemicals	18,158	15,385
271	Pulp and Paper Mills	10,289	22,539
295	Smelting and Refining	9,891	6,487
369	Miscellaneous Petroleum and Coal Products	9,485	93
357	Abrasives Manufacturers	7,276	2,200
373	Plastics and Synthetic Resins	6,466	3,049
365	Petroleum Refineries	5,508	10,552
291	Iron and Steel Mills	5,159	45,419

COMPOSITION OF ENERGY BY ONTARIO MANUFACTURING INDUSTRIES

In the case of electricity, natural gas, fuel oil and gasoline, the ten largest consuming industries account for over 42 per cent, by value, of total energy cost in the manufacturing sector. With respect to coal, the seven largest consumers account for more than 90 per cent, by value, of total consumption.

Table F

Electricity - Ten Largest Users in Ontario, 1979

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
271	Pulp and Paper Mills	92.0	14.1
291	Iron and Steel Mills	85.8	13.2
378	Industrial Chemicals	66.0	10.1
325	Motor Vehicle Parts and Accessories	34.9	5.4
295	Smelting and Refining	34.1	5.2
365	Petroleum Refining	24.9	3.8
323	Motor Vehicle Manufacturers	15.5	2.4
357	Abrasives Manufacturers	14.7	2.3
165	Plastics Products, n.e.s.	13.2	2.0
352	Cement Manufacturers	12.6	1.9
Total		393.7	60.4

A chart for the ten largest users of electricity in Ontario for 1979 is given below:

Electricity - Ten Largest Users in Ontario, 1979

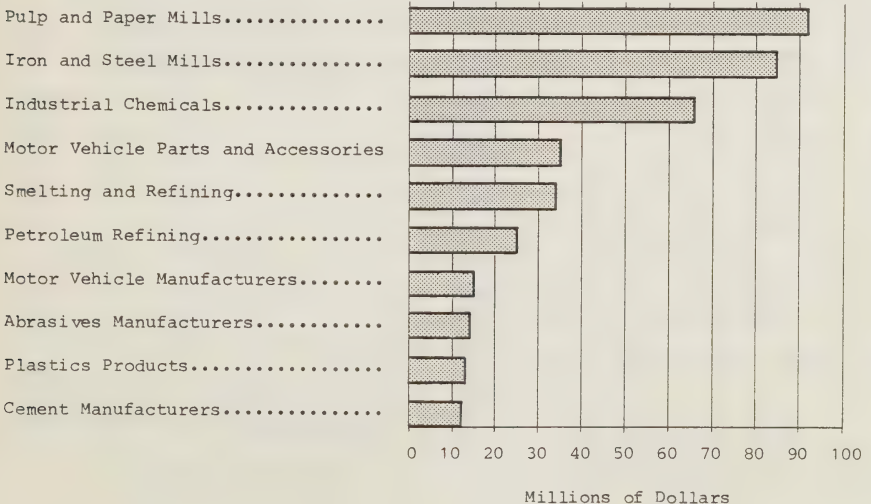


Table G

Natural Gas - Ten Largest Users in Ontario, 1979

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
378	Industrial Chemicals	110.5	16.7
271	Pulp and Paper Mills	100.9	15.3
291	Iron and Steel Mills	97.4	14.8
365	Petroleum Refining	22.9	3.5
356	Glass and Glass Products	20.7	3.1
295	Smelting and Refining	18.9	2.9
325	Motor Vehicle Parts and Accessories	18.8	2.9
358	Lime Manufacturers	12.7	1.9
109	Beverage Industries	11.5	1.7
183	Man-Made Fibre, Yarn and Cloth Mills	11.3	1.7
Total		425.6	64.5

A chart for the ten largest users of natural gas in Ontario for 1978 is given below:

Natural Gas - Ten Largest Users in Ontario, 1979

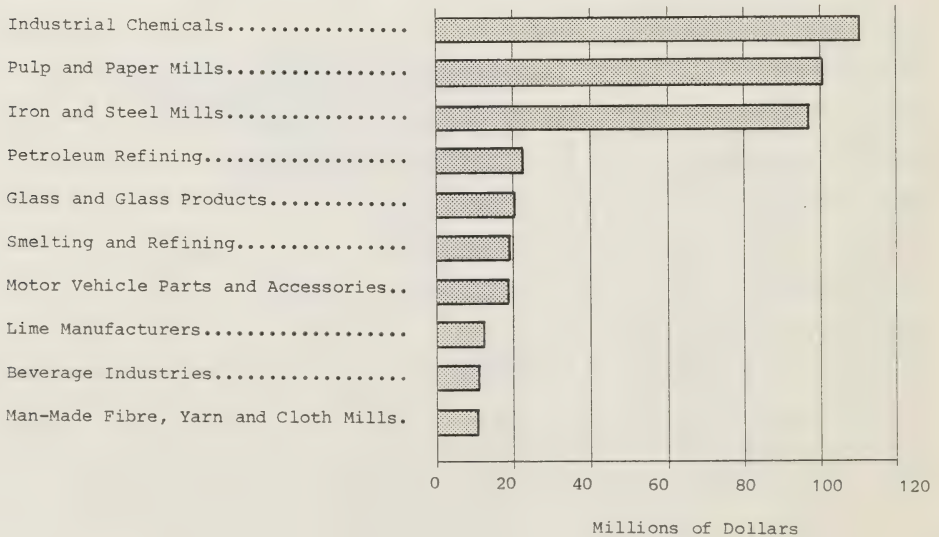


Table H

Fuel Oil - Ten Largest Users in Ontario, 1979

SIC Code	Industry	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
291	Iron and Steel Mills	50.1	22.4
271	Pulp and Paper Mills	25.3	11.3
378	Industrial Chemicals	22.6	10.1
352	Cement Manufacturers	10.6	4.8
295	Smelting and Refining	10.4	4.6
359	Miscellaneous Non-Metallic Mineral Products	8.4	3.7
323	Motor Vehicle Manufacturers	7.5	3.3
325	Motor Vehicle Parts and Accessories	4.5	2.0
355	Ready-Mix Concrete Manufacturers	4.3	1.9
183	Man-Made Fibre, Yarn and Cloth Mills	4.2	1.9
Total		147.9	66.0

A chart for the ten largest users of fuel oil in Ontario 1979 is given below:

Fuel Oil - Ten Largest Users in Ontario, 1979

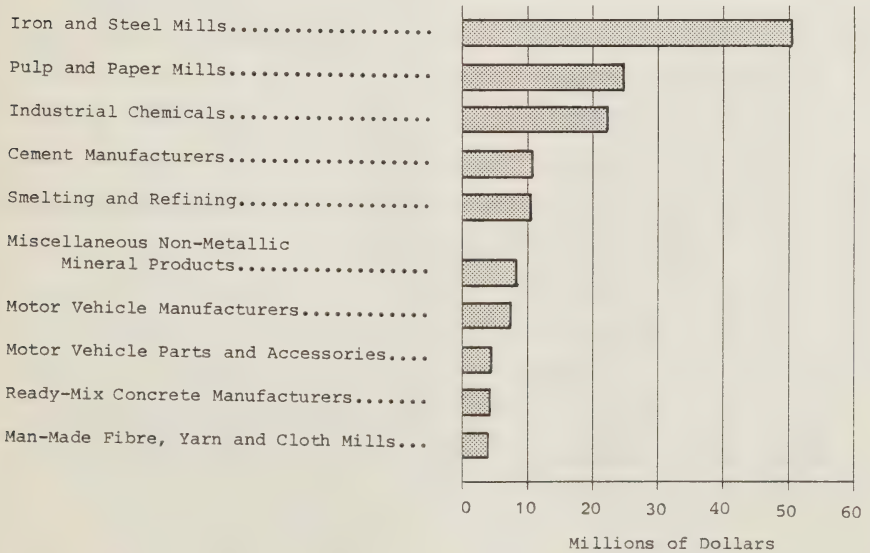


Table I

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1979

SIC Code	Industries	Light Fuel Oil (Gal. 000)	Heavy Fuel Oil (Gal. 000)
291	Iron and Steel Mills	803	110,101
378	Industrial Chemicals	689	56,729
271	Pulp and Paper Mills	1,125	49,299
352	Cement Manufacturers	483	25,407
295	Smelting and Refining	855	24,113
323	Motor Vehicle Manufacturers	117	19,041
359	Miscellaneous Non-Metallic Mineral Products	2,137	16,743
183	Man-Made Fibre, Yarn and Cloth Mills	97	10,428
325	Motor Vehicle Parts and Accessories	778	7,952
373	Manufacturers of Plastic and Synthetic Resins	452	8,264

In this table, unlike other tables in this publication, kerosene and diesel oil are not included in the figures for fuel oil.

Light and Heavy Fuel Oil - Selected Large Users in Ontario, 1979

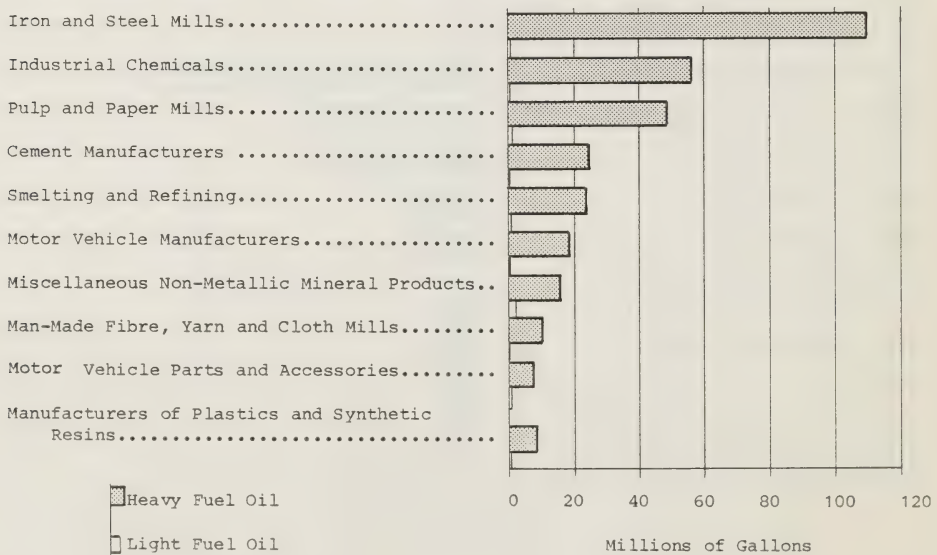


Table J

Gasoline - Ten Largest Users in Ontario, 1979

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
104	Dairy Products	3.8	7.3
101	Meat and Poultry Products	3.4	6.6
109	Beverage Industries	2.9	5.6
107	Bakery Products	2.4	4.6
323	Motor Vehicle Manufacturers	2.3	4.4
251	Sawmills, Planing Mills and Shingle Mills	2.0	3.8
289	Publishing and Printing	1.3	2.6
354	Concrete Products	1.3	2.6
315	Miscellaneous Machinery and Equipment Manufacturers	1.3	2.6
254	Sash, Door and Other Millwork Plants	1.3	2.5
	Total	22.0	42.6

A chart for the ten largest users of gasoline in Ontario for 1979 is given below:

Gasoline - Ten Largest Users in Ontario, 1979

Dairy Products

Meat and Poultry Products

Beverage Industries.....

Bakery Products.....

Motor Vehicle Manufacturers.....

Sawmills, Planing Mills and Shingle Mills...

Publishing and Printing.....

Concrete Products

Miscellaneous Machinery and Equipment
Manufacturers.....

Sash, Door and Other Millwork Plants.....

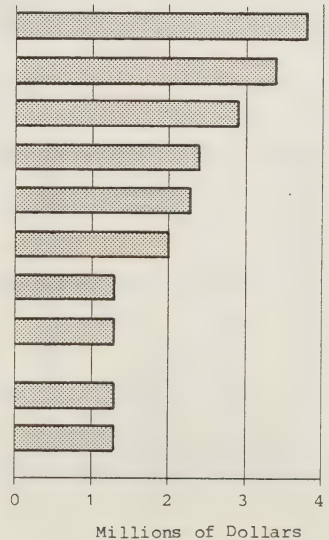


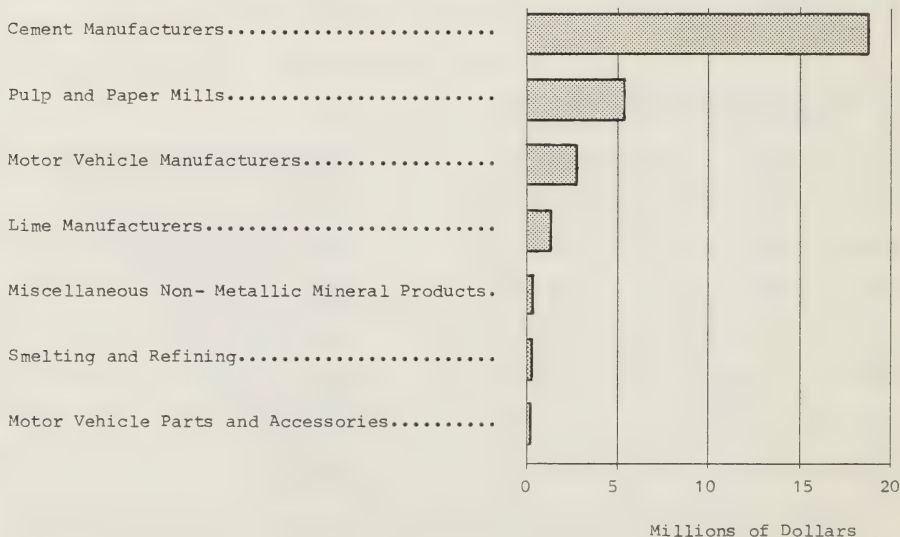
Table K

Coal - Seven Largest Users in Ontario, 1979

SIC Code	Industries	Amount Used (\$ Million)	Per Cent of Total Mfg. Use
352	Cement Manufacturers	17.7	61.1
271	Pulp and Paper Mills	5.3	18.2
323	Motor Vehicle Manufacturers	2.9	9.8
358	Lime Manufacturers	1.3	4.4
359	Miscellaneous Non-Metallic Mineral Products	0.7	2.4
295	Smelting and Refining	0.5	1.8
325	Motor Vehicle Parts and Accessories	0.2	0.7
	Total	28.6	98.4

A chart for the seven largest users of coal in Ontario for 1979 is given below:

Coal - Seven Largest Users in Ontario, 1979



Energy Consumption Vs. Value Added for 20 Major Industry Groups in Ontario 1979

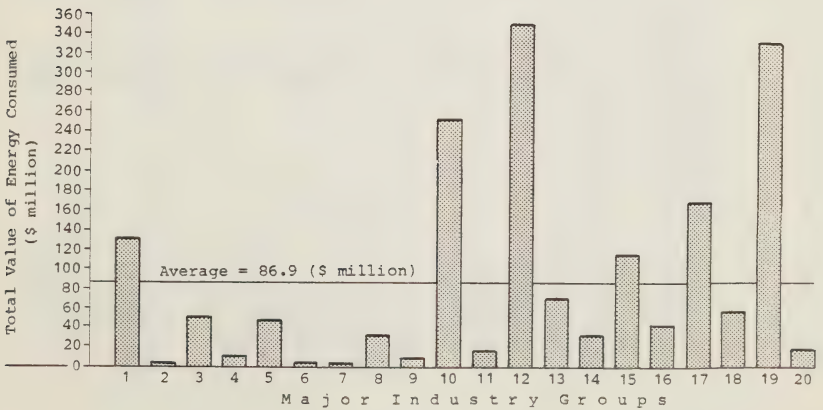
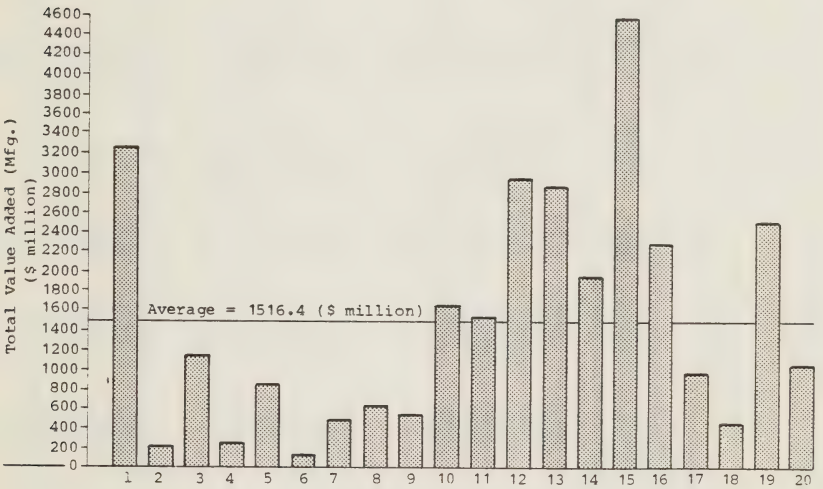
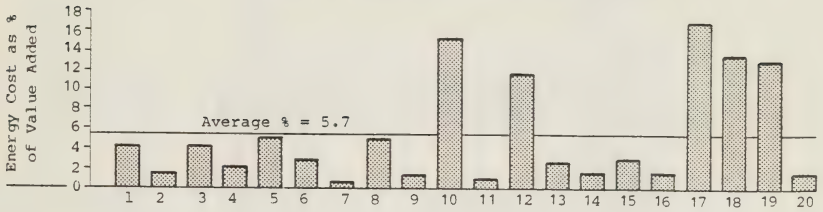


Table 1
Interprovincial Comparison of Selected Principal Statistics and Associated Ratios
Ranked by (Value Added/Cost of P & M), 1977 to 1979

1979 (Preliminary Data) x1									
Number of Establishments	Cost of P & E	Value of Shipments	Manufacturing Value Added	Total Employees	Ratio	(Value Added) (Cost of P & E)	Cost of P & E per Employee	Value of Shipments Per Employee	Value Added Per Employee
10	162	6,453	3,787	128	23.38		1,266	50,414	29,586
150	4,317	212,473	75,522	3,066	17.49		1,408	24,632	24,632
14	1,300	76,492	30,722	917	15.90		1,300	15,906	15,906
2,205	1,811,332	8,939,982	2,880,258	77,345	15.93		2,244	155,566	155,566
3,822	399,776	14,627,802	6,331,342	159,213	15.84		2,541	39,876	39,766
10,381	1,462,629	39,177,338	16,315,070	536,547	15.70		1,943	72,906	72,906
1,128	98,525	3,914,720	1,529,221	56,461	15.52		1,765	69,335	27,085
1,002	100,525	3,914,720	1,529,221	56,461	15.52		1,765	69,335	27,085
314	45,534	1,027,994	408,784	10,476	10.92		2,466	32,927	33,439
19	662	19,654	10,164	283	10.11		2,339	20,115	23,654
775	3,252,766	3,212,766	1,030,669	38,594	6.75		3,358	83,239	26,705
626	163,510	2,970,508	905,679	32,422	5.54		5,043	91,620	27,914
34,578	1,879,624	152,133,081	60,623,174	1,856,198	15.63		2,090	81,960	32,660
1978 x2									
11,079	1,536,347	65,111,869	25,910,549	800,806	16.87		1,744	71,923	59,417
130	3,523	171,451	58,038	2,781	16.47		1,267	61,651	20,869
3,478	340,088	12,225,848	5,431,565	153,616	15.90		2,214	79,587	35,371
9,701	896,798	33,272,837	13,955,539	523,529	15.61		1,713	63,555	26,743
1,263	88,951	3,277,479	1,286,865	53,358	14.24		1,667	61,432	23,743
4,241	172,619	7,271,262	2,747,315	191,262	12.55		2,163	104,847	33,086
276	619	20,551	7,771	202	12.55		2,163	78,781	28,184
64	44,861	1,513,768	548,465	19,215	12.23		2,335	78,781	28,544
269	37,730	840,382	386,419	16,127	10.24		2,340	52,147	23,752
719	137,469	2,719,469	896,490	36,219	6.51		3,801	75,096	24,752
373	138,353	2,034,449	739,116	31,267	7.17		4,425	77,873	23,607
31,963	1,357,240	129,019,220	51,679,262	1,790,849	15.21		1,997	72,044	28,857

Sources: Statistique Canada's Publications: ^{x1} Cat. No. 11-001E Daily, August 4, 1981
^{x2} Cat. No. 31-203 Annual, December, 1980

Chart M: Ratio of the Cost of Materials & Supplies Used/Cost of Fuel & Electricity, For 20 Major Groups, Canada & Ontario, 1979



ENERGY REQUIREMENTS DATA

by

Two Digit Major Group

and

Three Digit Industry Group

TABLE 1 DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1979 1

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL
		(\$)	(\$)	(\$)	(\$)	(\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	2,693,100	7.87	1.56	1.25	2.06	.00
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	791,477	14.54	3.81	.86	4.72	.07
104 DAIRY PRODUCTS INDUSTRY.....	1,317,918	13.16	2.71	2.86	3.78	.00
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	431,969	12.69	.77	.29	4.20	.00
106 FEED INDUSTRY.....	613,357	11.84	2.57	1.91	2.74	.00
107 BAKERY PRODUCTS INDUSTRIES.....	544,133	18.25	2.09	4.36	6.82	.00
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	1,178,771	19.05	2.35	2.45	9.72	.00
1 FOOD AND BEVERAGE INDUSTRIES.....	9,933,797	13.57	2.07	1.63	5.37	.01
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	625,390	5.09	.69	.49	1.08	.00
162 RUBBER PRODUCTS INDUSTRIES.....	1,218,024	20.92	2.60	.82	7.89	.00
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	1,239,593	18.59	1.60	.53	4.24	.00
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	2,457,617	19.75	2.10	.67	6.05	.00
172 LEATHER TANNERIES.....	156,244	17.67	4.50	.06	7.78	.00
174 SHOE FACTORIES.....	310,677	5.12	.38	.19	1.25	.00
175 LEATHER GLOVE FACTORIES.....	8,037	5.49	.32	.24	2.73	.00

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1979

2

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	87,949	7.97	.58	.43	2.09	.00	4.87
4 LEATHER INDUSTRIES.....	562,906	9.05	1.55	.19	3.21	.00	4.05
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL				
182 WOOL YARN AND CLOTH MILLS.....	57,297	22.49	.03	.74	12.27	.00	9.44
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	660,184	41.44	6.38	.16	17.18	.00	17.63
184 CORDAGE AND TWINE INDUSTRY.....	19,811	15.67	1.78	.31	.90	.00	12.48
185 FELT AND FIBRE PROCESSING MILLS.....	50,143	25.30	2.31	2.88	10.18	.00	9.89
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	54,767	6.97	1.29	1.70	1.56	.00	2.39
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	419,195	6.38	.72	.10	1.91	.00	3.27
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	335,257	13.77	1.39	.44	5.87	.00	5.45
5 TEXTILE INDUSTRIES.....	1,852,374	23.66	2.90	.37	9.93	.00	10.08
231 HOSIERY MILLS.....	62,219	12.69	1.70	.05	4.18	.00	6.75
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	184,840	16.58	2.93	.14	7.33	.00	6.11
6 KNITTING MILLS.....	247,059	15.60	2.62	.11	6.53	.00	6.27
243 MEN'S CLOTHING INDUSTRIES.....	486,700	3.96	.70	.16	.78	.00	2.23
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL				
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL				
246 FUR GOODS INDUSTRY.....	36,256	1.38	.00	.26	.04	.00	1.05

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO

1979

3

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$'000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
248 FOUNDATION GARMENT INDUSTRY.....	37,885	4.66	.77	.22	1.16	.00	2.51
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	48,882	8.21	.11	.91	2.66	.00	4.43
7 CLOTHING INDUSTRIES.....	903,651	3.92	.46	.25	.81	.00	2.31
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	495,612	27.34	7.16	3.94	3.36	.00	11.14
252 VENEER AND PLYWOOD MILLS.....	110,975	23.81	3.58	1.46	8.58	.18	9.12
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	385,937	11.63	1.35	3.28	2.12	.00	4.75
256 WOODEN BOX FACTORIES.....	126,354	12.44	2.42	2.59	2.69	.00	3.92
258 COFFIN AND CASKET INDUSTRY.....	6,071	18.67	2.58	7.32	3.73	.00	4.98
259 MISCELLANEOUS WOOD INDUSTRIES.....	194,698	45.03	2.76	1.02	21.19	.00	15.44
8 WOOD INDUSTRIES.....	1,319,647	23.59	4.04	3.00	6.00	.02	9.02
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	565,805	9.28	1.39	.70	2.53	.01	4.49
264 OFFICE FURNITURE MANUFACTURERS.....	195,329	10.10	.77	.49	4.64	.00	4.03
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	289,012	8.47	.82	1.13	3.11	.00	3.38
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	22,485	8.37	.33	1.28	1.97	.00	4.79
9 FURNITURE AND FIXTURE INDUSTRIES.....	1,072,632	9.19	1.10	.79	3.06	.01	4.11
271 PULP AND PAPER MILLS.....	2,233,098	103.85	11.34	.26	45.19	2.36	41.19
272 ASPHALT ROOFING MANUFACTURERS.....	66,559	22.94	.89	.00	17.31	.00	4.75
273 PAPER BOX & BAG MANUFACTURERS.....	877,731	12.16	.88	1.08	4.12	.00	5.73
274 MISCELLANEOUS PAPER CONVERTERS.....	694,816	12.20	.75	.45	5.27	.00	5.62

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO 1979

4

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
10 PAPER AND ALLIED INDUSTRIES.....	3,872,205	65.23	6.89	.48	28.24	1.36	26.14
286 COMMERCIAL PRINTING.....	1,160,987	8.12	.53	.85	2.02	.00	4.29
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	159,214	7.97	.35	1.67	1.56	.00	4.23
288 PUBLISHING ONLY.....	327,569	.00	.00	.00	.00	.00	.00
289 PUBLISHING AND PRINTING.....	727,466	7.44	.33	1.83	1.18	.00	3.93
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	2,375,236	6.78	.38	1.09	1.45	.00	3.58
291 IRON AND STEEL MILLS.....	4,788,447	48.94	10.45	.18	20.35	.00	17.93
292 STEEL PIPE AND TUBE MILLS.....	449,650	14.39	.69	.15	7.12	.00	6.30
294 IRON FOUNDRIES.....	386,355	46.58	3.67	.32	10.93	.04	27.79
295 SMELTING AND REFINING.....	350,594	183.01	29.53	.39	53.86	1.48	97.14
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	520,277	19.96	3.83	.30	7.13	.00	8.65
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.							
12 PRIMARY METAL INDUSTRIES.....	7,312,234	47.67	9.08	.21	18.28	.10	19.68
301 BOILER AND PLATE WORKS.....	358,043	9.03	1.48	.70	3.00	.00	3.76
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	376,848	10.59	1.81	1.60	2.84	.00	4.22
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	514,535	8.18	.53	1.23	2.40	.00	3.92
304 METAL STAMPING, PRESSING AND COATING IND....	1,731,598	12.18	.65	.56	5.74	.00	4.91
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	828,853	15.74	.40	.32	7.48	.00	6.86

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO

1979

6

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	264,134	10.18	.43	.29	5.27	.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	572,532	10.37	.32	.00	4.97	.00
333 MANUFACTURERS OF LIGHTING FIXTURES.....	108,186	6.06	.37	.46	2.36	.00
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	232,466	2.58	.20	.01	.79	.00
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	1,148,394	6.51	.38	.52	1.63	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,025,513	10.25	.75	.31	3.62	.00
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	583,182	11.08	.39	.12	3.45	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	483,038	12.31	.76	.76	4.35	.04
16 ELECTRICAL PRODUCTS INDUSTRIES.....	4,417,444	9.12	.49	.33	3.26	.01
351 CLAY PRODUCTS MANUFACTURERS.....	113,836	101.79	6.73	1.20	74.40	.00
352 CEMENT MANUFACTURERS.....	218,639	235.79	48.70	.28	46.58	80.99
353 STONE PRODUCTS MANUFACTURERS.....	8,100	9.83	.33	2.70	2.21	.00
354 CONCRETE PRODUCTS MANUFACTURERS.....	214,867	38.16	13.16	6.17	11.27	.00
355 READY-MIX CONCRETE MANUFACTURERS.....	268,524	25.03	16.02	2.52	2.80	.00
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	488,723	58.52	.43	.38	42.29	.00
357 ABRASIVES MANUFACTURERS.....	158,613	100.93	.91	.45	6.68	.00
358 LIME MANUFACTURERS.....	47,852	383.94	65.35	.80	265.54	26.95
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	343,612	78.64	24.31	.79	26.07	2.03
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	1,862,765	90.26	16.31	1.50	35.02	10.57
						25.62

TABLE 1 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER UNIT OF OUTPUT - ONTARIO

7

MAJOR GROUP, SIC & INDUSTRY GROUP	SHIPMENTS OF OWN MANUFACTURE	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF SHIPMENTS			
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS
	(\$000'S)	(\$)	(\$)	(\$)	(\$)
365 PETROLEUM REFINERIES.....	4,047,604	14.36	.16	.06	5.66
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	19,019	46.38	22.60	.11	14.70
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	4,066,624	14.51	.26	.06	5.70
372 MANUFACTURERS OF MIXED FERTILIZERS.....	93,378	7.34	.56	3.27	.38
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	617,722	31.91	6.21	.13	7.70
374 MFRS PHARMACEUTICALS AND MEDICINES.....	578,855	8.97	.52	1.27	3.13
375 PAINT AND VARNISH MANUFACTURERS.....	385,905	8.78	1.88	.73	2.35
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	714,598	11.42	1.73	.14	6.09
377 MANUFACTURERS OF TOILET PREPARATIONS.....	206,913	6.17	.95	.54	2.09
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	2,312,433	120.81	9.76	.21	47.80
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	801,995	12.17	2.51	.99	3.53
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	5,711,799	57.35	5.41	.51	22.00
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	822,718	7.77	1.75	1.15	1.05
392 JEWELLERY AND SILVERWARE INDUSTRY.....	559,246	2.75	.04	.23	.95
393 SPORTING GOODS AND TOY INDUSTRIES.....	308,343	9.35	.81	.75	2.86
397 SIGNS AND DISPLAYS INDUSTRY.....	112,842	13.23	.61	4.18	4.16
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	447,553	13.25	.97	.77	5.39
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	2,250,702	8.10	.98	.94	2.29
-----ALL MANUFACTURING INDUSTRIES-----	76,219,442	22.82	2.93	.67	8.66

***** NOTE : END OF TABLE 1 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 2

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1979

8

MAJOR GROUP, SIC & INDUSTRY GROUP	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
	VALUE ADDED IN MFG (\$000'S)	TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	518,834	40.83	8.07	6.49	10.67	13.88
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	307,301	37.45	9.80	2.21	12.15	11.58
104 DAIRY PRODUCTS INDUSTRY.....	308,258	56.24	11.57	12.21	16.16	15.80
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	149,669	36.61	2.21	.82	12.11	21.37
106 FEED INDUSTRY.....	133,543	54.39	11.82	8.79	12.56	20.14
107 BAKERY PRODUCTS INDUSTRIES.....	265,913	37.33	4.26	8.91	13.94	10.17
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	729,406	30.79	3.79	3.95	15.70	7.19
1 FOOD AND BEVERAGE INDUSTRIES.....	3,254,900	41.41	6.31	4.98	16.39	12.71
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	205,050	15.52	2.09	1.50	3.29	8.25
162 RUBBER PRODUCTS INDUSTRIES.....	606,018	42.04	5.23	1.63	15.85	18.73
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	558,055	41.30	3.56	1.17	9.42	23.56
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	1,164,073	41.68	4.43	1.41	12.77	21.05
172 LEATHER TANNERIES.....	44,728	61.73	15.72	.22	27.16	18.01
174 SHOE FACTORIES.....	149,758	10.62	.78	.38	2.59	6.86
175 LEATHER GLOVE FACTORIES.....	4,210	10.48	.61	.44	5.20	4.21

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1979

9

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY	FUEL OIL	GASOLINE	NATURAL GAS	COAL	ELECTRICITY
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	44,012	15.92	1.14	.85	4.17	.00	9.73
4 LEATHER INDUSTRIES.....	242,708	20.99	3.59	.44	7.45	.00	9.39
181 COTTON YARN AND CLOTH MILLS.....							
182 WOOL YARN AND CLOTH MILLS.....	33,651	38.28	.05	1.26	20.88	.00	16.07
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	307,557	88.94	13.70	.34	36.88	.00	37.84
184 CORDAGE AND TWINE INDUSTRY.....	9,790	31.71	3.59	.63	1.81	.00	25.26
185 FELT AND FIBRE PROCESSING MILLS.....	22,359	56.73	5.17	6.46	22.83	.00	22.16
186 CARPET, MAT AND RUG INDUSTRY.....							
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	25,353	15.06	2.78	3.67	3.37	.00	5.15
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	184,077	14.52	1.62	.23	4.34	.00	7.45
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	161,810	28.53	2.87	.91	12.16	.00	11.29
5 TEXTILE INDUSTRIES.....	846,280	51.77	6.33	.79	21.74	.00	22.06
231 HOSIERY MILLS.....	33,760	23.38	3.13	.09	7.71	.00	12.44
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	90,840	33.72	5.95	.27	14.90	.00	12.43
6 KNITTING MILLS.....	124,600	30.92	5.19	.22	12.95	.00	12.43
243 MEN'S CLOTHING INDUSTRIES.....	278,909	6.91	1.21	.28	1.35	.00	3.89
244 WOMEN'S CLOTHING INDUSTRIES.....							
245 CHILDREN'S CLOTHING INDUSTRY.....							
246 FUR GOODS INDUSTRY.....	13,342	3.73	.00	.71	.11	.00	2.85

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1979

10

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
248 FOUNDATION GARMENT INDUSTRY.....	25,236	6.98	1.15	.33	1.73	.00
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	25,960	15.46	.21	1.70	5.01	.00
7 CLOTHING INDUSTRIES.....	495,638	7.15	.83	.45	1.47	.00
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	241,979	55.99	14.67	8.07	6.87	.00
252 VENEER AND PLYWOOD MILLS.....	58,243	45.35	6.82	2.78	16.35	.34
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	174,308	25.75	2.99	7.26	4.69	.00
256 WOODEN BOX FACTORIES.....	54,104	29.06	5.66	6.04	6.27	.00
258 COFFIN AND CASKET INDUSTRY.....	3,431	33.03	4.57	12.94	6.60	.00
259 MISCELLANEOUS WOOD INDUSTRIES.....	88,329	99.24	6.08	2.25	46.69	.00
8 WOOD INDUSTRIES.....	620,394	50.18	8.58	6.37	12.76	.03
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	290,172	18.08	2.70	1.36	4.93	.02
264 OFFICE FURNITURE MANUFACTURERS.....	108,215	18.22	1.38	.88	8.36	.00
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS..	145,065	16.86	1.63	2.24	6.19	.00
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	11,408	16.49	.64	2.53	3.87	.00
9 FURNITURE AND FIXTURE INDUSTRIES.....	554,859	17.76	2.12	1.52	5.91	.01
271 PULP AND PAPER MILLS.....	977,118	237.33	25.91	.59	103.28	5.39
272 ASPHALT ROOFING MANUFACTURERS.....	25,433	60.03	2.31	.00	45.29	.00
273 PAPER BOX & BAG MANUFACTURERS.....	330,505	32.29	2.33	2.86	10.93	.00
274 MISCELLANEOUS PAPER CONVERTERS.....	310,346	27.31	1.68	1.01	11.80	.00

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1979

11

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
10 PAPER AND ALLIED INDUSTRIES.....	1,643,403	153.69	16.23	1.12	66.53	3.20	61.60
286 COMMERCIAL PRINTING.....	689,034	13.68	.88	1.43	3.40	.00	7.22
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	117,692	10.77	.47	2.25	2.11	.00	5.72
288 PUBLISHING ONLY.....	193,709	.00	.00	.00	.00	.00	.00
289 PUBLISHING AND PRINTING.....	530,952	10.19	.45	2.50	1.61	.00	5.37
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,531,388	10.52	.59	1.69	2.25	.00	5.55
291 IRON AND STEEL MILLS.....	2,039,145	114.91	24.54	.41	47.77	.00	42.09
292 STEEL PIPE AND TUBE MILLS.....	142,035	45.54	2.19	.48	22.54	.00	19.94
294 IRON FOUNDRIES.....	199,351	90.28	7.11	.62	21.18	.08	53.86
295 SMELTING AND REFINING.....	221,721	289.37	46.70	.61	85.16	2.33	153.59
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	132,246	78.51	15.06	1.18	28.04	.00	34.05
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.							
12 PRIMARY METAL INDUSTRIES.....	2,966,984	117.47	22.39	.51	45.04	.25	48.49
301 BOILER AND PLATE WORKS.....	171,894	18.81	3.07	1.44	6.25	.00	7.82
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	169,098	23.59	4.02	3.56	6.31	.00	9.40
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	241,200	17.44	1.12	2.61	5.12	.00	8.35
304 METAL STAMPING, PRESSING AND COATING IND....	715,164	29.48	1.58	1.36	13.90	.00	11.88
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	365,140	35.72	.89	.71	16.98	.00	15.56

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TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1979

12

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	434,416	15.35	.47	1.64	5.31	.00
307 HEATING EQUIPMENT MANUFACTURERS.....	99,415	17.21	.73	1.07	7.04	.00
308 MACHINE SHOPS.....	140,794	14.24	1.25	3.35	3.21	.00
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	497,210	35.50	5.06	1.94	15.52	.00
13 METAL FABRICATING INDUSTRIES.....	2,834,330	25.96	2.08	1.75	10.83	.00
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	319,406	30.68	2.66	.56	15.99	.00
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1,379,497	14.47	1.12	.95	4.97	.05
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	98,518	15.03	1.10	1.55	6.36	.00
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	177,354	17.33	.14	5.30	2.87	.00
14 MACHINERY INDUSTRIES.....	1,974,775	17.38	1.28	1.31	6.63	.03
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS..	349,057	15.22	3.20	.58	3.20	.00
323 MOTOR VEHICLE MANUFACTURERS.....	1,701,692	22.54	4.39	1.33	5.97	1.67
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	165,445	16.66	1.83	2.20	5.87	.00
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	2,059,258	30.93	2.18	.59	9.15	.09
326 RAILROAD ROLLING STOCK INDUSTRY.....	209,528	23.92	4.26	.26	9.20	.00
327 SHIPBUILDING AND REPAIR.....	78,459	14.07	.92	1.27	3.50	.00
328 BOATBUILDING AND REPAIR.....						
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....						
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	4,592,432	25.42	3.14	.94	7.28	.66
						12.39

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MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	112,399	23.91	1.01	.68	12.39	.00 9.62
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	270,298	21.96	.67	.00	10.53	.00 9.10
333 MANUFACTURERS OF LIGHTING FIXTURES.....	46,723	14.04	.86	1.06	5.46	.00 6.65
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	95,007	6.32	.48	.02	1.94	.00 3.87
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	746,327	10.01	.58	.79	2.51	.00 6.08
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	594,464	17.68	1.29	.52	6.25	.00 9.14
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	169,343	38.14	1.33	.41	11.89	.00 23.68
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	253,187	23.48	1.44	1.45	8.29	.07 12.06
16 ELECTRICAL PRODUCTS INDUSTRIES.....	2,287,749	17.60	.95	.64	6.28	.01 9.29
351 CLAY PRODUCTS MANUFACTURERS.....	74,076	156.42	10.34	1.85	114.33	.00 28.91
352 CEMENT MANUFACTURERS.....	136,627	377.32	77.92	.44	74.54	129.60 92.26
353 STONE PRODUCTS MANUFACTURERS.....	4,962	16.05	.54	4.40	3.60	.00 7.49
354 CONCRETE PRODUCTS MANUFACTURERS.....	121,911	67.25	23.19	10.88	19.86	.00 12.06
355 READY-MIX CONCRETE MANUFACTURERS.....	93,682	71.74	45.91	7.21	8.01	.00 10.13
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	295,711	96.70	.70	.63	69.89	.00 24.50
357 ABRASIVES MANUFACTURERS.....	64,708	247.38	2.22	1.10	16.37	.00 227.40
358 LIME MANUFACTURERS.....	23,797	772.04	131.40	1.61	533.95	54.18 50.58
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	182,016	148.45	45.89	1.49	49.22	3.83 40.42
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	997,489	168.56	30.45	2.80	65.40	19.74 47.84

TABLE 2 (CONT'D)

DIRECT ENERGY REQUIREMENTS WITH RESPECT TO VALUE ADDED - ONTARIO 1979

14

MAJOR GROUP, SIC & INDUSTRY GROUP	VALUE ADDED IN MFG (\$000'S)	AMOUNT SPENT ON ENERGY PER THOUSAND DOLLARS OF VALUE ADDED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	ELECTRICITY (\$)
365 PETROLEUM REFINERIES.....	426,706	136.21	1.49	.55	53.65	.00
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	5,010	176.06	85.78	.40	55.79	.00
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	431,716	136.68	2.46	.55	53.68	.00
372 MANUFACTURERS OF MIXED FERTILIZERS.....	18,319	37.42	2.82	16.67	1.93	.00
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	210,239	93.76	18.23	.39	22.61	.00
374 MFRS PHARMACEUTICALS AND MEDICINES.....	374,953	13.84	.80	1.95	4.83	.00
375 PAINT AND VARNISH MANUFACTURERS.....	168,740	20.08	4.29	1.66	5.36	.00
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	354,699	23.01	3.48	.28	12.27	.00
377 MANUFACTURERS OF TOILET PREPARATIONS.....	140,138	9.10	1.40	.80	3.09	.00
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	880,661	317.22	25.62	.54	125.50	.00
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	359,225	27.17	5.59	2.20	7.88	.00
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	2,506,974	130.65	12.33	1.15	50.12	.00
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	446,536	14.31	3.21	2.12	1.93	.00
392 JEWELLERY AND SILVERWARE INDUSTRY.....	125,026	12.27	.19	1.04	4.25	.00
393 SPORTING GOODS AND TOY INDUSTRIES.....	166,530	17.30	1.49	1.38	5.29	.00
397 SIGNS AND DISPLAYS INDUSTRY.....	66,644	22.39	1.02	7.07	7.05	.00
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	247,059	24.00	1.75	1.38	9.75	.00
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1,051,795	17.33	2.10	2.01	4.90	.00
-----ALL MANUFACTURING INDUSTRIES-----	30,327,537	57.33	7.37	1.69	21.76	.95

TABLE 3 PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1979 15

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY		FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY		TOTAL EMPLOYEES	SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)				(%)	(%)	(%)	(%)	(%)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	1.22	1.87	6.56	0.84	1.11	1.83	3.53			
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL						
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	0.66	1.35	1.32	0.57	0.55	1.01	1.04			
104 DAIRY PRODUCTS INDUSTRY.....	1.00	1.60	7.33	0.75	0.75	0.96	1.73			
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	0.32	0.15	0.24	0.27	0.49	0.35	0.57			
106 FEED INDUSTRY.....	0.42	0.71	2.29	0.25	0.41	0.36	0.80			
107 BAKERY PRODUCTS INDUSTRIES.....	0.57	0.51	4.61	0.56	0.42	1.37	0.71			
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL						
109 BEVERAGE INDUSTRIES.....	1.29	1.24	5.61	1.74	0.81	1.42	1.55			
1 FOOD AND BEVERAGE INDUSTRIES.....	7.75	9.20	31.59	8.08	6.36	9.49	13.03			
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL						
153 TOBACCO PRODUCTS MANUFACTURERS.....				CONFIDENTIAL						
2 TOBACCO PRODUCTS INDUSTRIES.....	0.18	0.19	0.60	0.10	0.26	0.39	0.82			
162 RUBBER PRODUCTS INDUSTRIES.....	1.47	1.42	1.93	1.46	1.75	2.10	1.60			
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	1.33	0.89	1.27	0.80	2.02	2.26	1.63			
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	2.79	2.31	3.20	2.25	3.77	4.36	3.22			
172 LEATHER TANNERIES.....	0.16	0.31	0.02	0.18	0.12	0.18	0.20			
174 SHOE FACTORIES.....	0.09	0.05	0.11	0.06	0.16	0.96	0.41			
175 LEATHER GLOVE FACTORIES.....	0.00	0.00	0.00	0.00	0.00	0.03	0.01			

TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1979 16

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS		ELECTRICITY (%)	TOTAL EMPLOYEES (%)	SHIPMENTS OF OWN MANUFACTURE (%)
				(%)	(%)			
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	0.04	0.02	0.07	0.03	0.07	0.29	0.12	
4 LEATHER INDUSTRIES.....	0.29	0.39	0.21	0.27	0.35	1.46	0.74	
181 COTTON YARN AND CLOTH MILLS.....				CONFIDENTIAL				
182 WOOL YARN AND CLOTH MILLS.....	0.07	0.00	0.08	0.11	0.08	0.17	0.08	
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	1.57	1.88	0.21	1.72	1.79	1.02	0.87	
184 CORDAGE AND TWINE INDUSTRY.....	0.02	0.02	0.01	0.00	0.04	0.05	0.03	
185 FELT AND FIBRE PROCESSING MILLS.....	0.07	0.05	0.28	0.08	0.08	0.12	0.07	
186 CARPET, MAT AND RUG INDUSTRY.....				CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	0.02	0.03	0.18	0.01	0.02	0.16	0.07	
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	0.15	0.13	0.09	0.12	0.21	0.87	0.55	
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	0.27	0.21	0.29	0.30	0.28	0.79	0.44	
5 TEXTILE INDUSTRIES.....	2.52	2.40	1.32	2.79	2.87	3.43	2.43	
231 HOSIERY MILLS.....	0.05	0.05	0.01	0.04	0.06	0.20	0.08	
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	0.18	0.24	0.05	0.21	0.17	0.59	0.24	
B KNITTING MILLS.....	0.22	0.29	0.05	0.24	0.24	0.79	0.32	
243 MEN'S CLOTHING INDUSTRIES.....	0.11	0.15	0.16	0.06	0.17	1.45	0.64	
244 WOMEN'S CLOTHING INDUSTRIES.....				CONFIDENTIAL				
245 CHILDREN'S CLOTHING INDUSTRY.....				CONFIDENTIAL				
246 FUR GOODS INDUSTRY.....	0.00	0.00	0.02	0.00	0.01	0.05	0.05	

TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1979 17

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		TOTAL EMPLOYEES		SHIPMENTS OF OWN MANUFACTURE	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
248 FOUNDATION GARMENT INDUSTRY.....	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.13	0.05	0.05		
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	0.02	0.00	0.00	0.09	0.09	0.02	0.02	0.03	0.03	0.17	0.06	0.06		
7 CLOTHING INDUSTRIES.....	0.20	0.18	0.18	0.44	0.44	0.11	0.11	0.32	0.32	2.73	1.19	1.19		
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	0.78	1.59	1.59	3.80	3.80	0.25	0.25	0.85	0.85	0.78	0.65	0.65		
252 VENEER AND PLYWOOD MILLS.....	0.15	0.18	0.18	0.32	0.32	0.14	0.14	0.16	0.16	0.27	0.15	0.15		
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	0.26	0.23	0.23	2.46	2.46	0.12	0.12	0.28	0.28	0.82	0.51	0.51		
256 WOODEN BOX FACTORIES.....	0.09	0.14	0.14	0.64	0.64	0.05	0.05	0.08	0.08	0.28	0.17	0.17		
258 COFFIN AND CASKET INDUSTRY.....	0.01	0.01	0.01	0.09	0.09	0.00	0.00	0.00	0.00	0.02	0.01	0.01		
259 MISCELLANEOUS WOOD INDUSTRIES.....	0.50	0.24	0.24	0.39	0.39	0.63	0.63	0.46	0.46	0.34	0.26	0.26		
8 WOOD INDUSTRIES.....	1.79	2.38	2.38	7.69	7.69	1.20	1.20	1.83	1.83	2.51	1.73	1.73		
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	0.30	0.35	0.35	0.77	0.77	0.22	0.22	0.39	0.39	1.54	0.74	0.74		
264 OFFICE FURNITURE MANUFACTURERS.....	0.11	0.07	0.07	0.19	0.19	0.14	0.14	0.12	0.12	0.41	0.26	0.26		
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	0.14	0.11	0.11	0.63	0.63	0.14	0.14	0.15	0.15	0.68	0.38	0.38		
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	0.01	0.00	0.00	0.06	0.06	0.01	0.01	0.02	0.02	0.07	0.03	0.03		
9 FURNITURE AND FIXTURE INDUSTRIES.....	0.57	0.53	0.53	1.65	1.65	0.50	0.50	0.68	0.68	2.71	1.41	1.41		
271 PULP AND PAPER MILLS.....	13.34	11.32	11.32	1.14	1.14	15.29	15.29	14.14	14.14	2.47	2.93	2.93		
272 ASPHALT ROOFING MANUFACTURERS.....	0.09	0.03	0.03	0.00	0.00	0.17	0.17	0.05	0.05	0.05	0.09	0.09		
273 PAPER BOX & BAG MANUFACTURERS.....	0.61	0.34	0.34	1.84	1.84	0.55	0.55	0.77	0.77	1.41	1.15	1.15		
274 MISCELLANEOUS PAPER CONVERTERS.....	0.49	0.23	0.23	0.61	0.61	0.55	0.55	0.60	0.60	1.13	0.91	0.91		

TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1979 18

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY (%)	TOTAL EMPLOYEES (%)	SHIPMENTS OF OWN MANUFACTURE (%)
10 PAPER AND ALLIED INDUSTRIES.....	14.52	11.93	3.59	16.57	15.56	5.05	5.08
286 COMMERCIAL PRINTING.....	0.54	0.27	1.93	0.36	0.77	2.76	1.52
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	0.07	0.03	0.52	0.04	0.10	0.46	0.21
288 PUBLISHING ONLY.....	0.00	0.00	0.00	0.00	0.00	0.56	0.43
289 PUBLISHING AND PRINTING.....	0.31	0.11	2.59	0.13	0.44	1.87	0.95
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	0.93	0.41	5.04	0.52	1.31	5.65	3.12
291 IRON AND STEEL MILLS.....	13.48	22.38	1.64	14.76	13.19	4.97	6.28
292 STEEL PIPE AND TUBE MILLS.....	0.37	0.14	0.13	0.49	0.44	0.39	0.59
294 IRON FOUNDRIES.....	1.03	0.63	0.24	0.64	1.65	0.82	0.51
295 SMELTING AND REFINING.....	3.69	4.63	0.27	2.86	5.23	0.71	0.46
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	0.60	0.89	0.30	0.56	0.69	0.54	0.68
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.							
12 PRIMARY METAL INDUSTRIES.....	20.04	29.71	2.97	20.25	22.12	8.27	9.59
301 BOILER AND PLATE WORKS.....	0.19	0.24	0.48	0.16	0.21	0.61	0.47
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	0.23	0.30	1.17	0.16	0.24	0.64	0.49
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	0.24	0.12	1.23	0.19	0.31	0.89	0.68
304 METAL STAMPING, PRESSING AND COATING IND.....	1.21	0.51	1.89	1.51	1.31	2.31	2.27
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	0.75	0.15	0.51	0.94	0.87	1.35	1.09

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TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1979 19

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY (%)	TOTAL EMPLOYEES (%)	SHIPMENT OF OWN MANUFACTURE (%)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS.....	0.38	0.09	1.39	0.35	0.52	1.61	0.86
307 HEATING EQUIPMENT MANUFACTURERS.....	0.10	0.03	0.21	0.11	0.12	0.41	0.27
308 MACHINE SHOPS.....	0.12	0.08	0.92	0.07	0.13	0.57	0.26
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	1.02	1.13	1.89	1.17	0.94	1.81	1.35
13 METAL FABRICATING INDUSTRIES.....	4.23	2.64	9.69	4.65	4.65	10.21	7.76
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	0.56	0.38	0.35	0.77	0.54	1.14	1.02
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1.15	0.70	2.56	1.04	1.50	4.45	3.64
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	0.09	0.05	0.30	0.10	0.09	0.36	0.29
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	0.18	0.01	1.83	0.08	0.25	0.70	0.65
14 MACHINERY INDUSTRIES.....	1.97	1.14	5.04	1.99	2.37	6.64	5.61
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	0.31	0.50	0.39	0.17	0.41	1.38	0.79
323 MOTOR VEHICLE MANUFACTURERS.....	2.21	3.35	4.41	1.54	2.38	4.57	11.90
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	0.16	0.14	0.71	0.15	0.17	0.65	0.54
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	3.66	2.01	2.38	2.86	5.37	5.80	5.74
326 RAILROAD ROLLING STOCK INDUSTRY.....	0.29	0.40	0.11	0.29	0.31	0.66	0.70
327 SHIPBUILDING AND REPAIR.....	0.06	0.03	0.19	0.04	0.09	0.24	0.17
328 BOATBUILDING AND REPAIR.....							
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....							
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	6.72	6.45	8.40	5.07	8.75	13.46	19.92

TABLE 3 (CONT'D)

PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO

1979

20

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (%)	FUEL OIL (%)	GASOLINE (%)	NATURAL GAS (%)	ELECTRICITY (%)	TOTAL EMPLOYEES (%)	SHIPMENTS OF OWN MANUFACTURE (%)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	0.15	0.05	0.15	0.21	0.17	0.47	0.35
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	0.34	0.08	0.00	0.43	0.38	0.98	0.75
333 MANUFACTURERS OF LIGHTING FIXTURES.....	0.04	0.02	0.10	0.04	0.05	0.17	0.14
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	0.03	0.02	0.00	0.03	0.06	0.31	0.30
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	0.43	0.20	1.15	0.28	0.70	2.65	1.51
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	0.60	0.35	0.61	0.56	0.84	2.38	1.35
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	0.37	0.10	0.14	0.31	0.62	0.58	0.77
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS.....	0.34	0.16	0.71	0.32	0.47	1.20	0.63
16 ELECTRICAL PRODUCTS INDUSTRIES.....	2.32	0.98	2.86	2.18	3.27	8.74	5.80
351 CLAY PRODUCTS MANUFACTURERS.....	0.67	0.34	0.27	1.28	0.33	0.30	0.15
352 CEMENT MANUFACTURERS.....	2.96	4.76	0.12	1.54	1.94	0.15	0.29
353 STONE PRODUCTS MANUFACTURERS.....	0.00	0.00	0.04	0.00	0.01	0.02	0.01
354 CONCRETE PRODUCTS MANUFACTURERS.....	0.47	1.26	2.58	0.37	0.23	0.42	0.28
355 READY-MIX CONCRETE MANUFACTURERS.....	0.39	1.92	1.31	0.11	0.15	0.29	0.35
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	1.64	0.09	0.37	3.13	1.11	0.86	0.64
357 ABRASIVES MANUFACTURERS.....	0.92	0.06	0.14	0.16	2.26	0.24	0.21
358 LIME MANUFACTURERS.....	1.06	1.40	0.07	1.93	0.19	0.05	0.06
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	1.55	3.74	0.53	1.36	1.13	0.62	0.45
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	9.67	13.58	5.44	9.89	7.34	2.96	2.44

TABLE 3 (CONT'D) PERCENTAGE DISTRIBUTION OF ENERGY CONSUMPTION (BY \$ VALUE), & SELECTED STATISTICS - ONTARIO 1979 21

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY		FUEL OIL		GASOLINE		NATURAL GAS		ELECTRICITY		EMPLOYEES		TOTAL MANUFACTURE		SHIPMENTS OF OWN	
	(%)		(%)		(%)		(%)		(%)		(%)		(%)		(%)	
365 PETROLEUM REFINERIES.....	3.34		0.28		0.46		3.47		3.83		1.15		5.31			
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	0.05		0.19		0.00		0.04		0.03		0.01		0.02			
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	3.39		0.48		0.47		3.51		3.86		1.17		5.34			
372 MANUFACTURERS OF MIXED FERTILIZERS.....	0.04		0.02		0.59		0.01		0.04		0.07		0.12			
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	1.13		1.71		0.16		0.72		1.14		0.33		0.81			
374 MFRS PHARMACEUTICALS AND MEDICINES.....	0.30		0.14		1.43		0.27		0.35		1.02		0.76			
375 PAINT AND VARNISH MANUFACTURERS.....	0.19		0.32		0.55		0.14		0.20		0.43		0.51			
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	0.47		0.55		0.19		0.66		0.31		0.65		0.94			
377 MANUFACTURERS OF TOILET PREPARATIONS.....	0.07		0.09		0.22		0.07		0.08		0.41		0.27			
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	16.06		10.09		0.93		16.75		10.15		1.68		3.03			
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	0.56		0.90		1.54		0.43		0.54		0.93		1.05			
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	18.84		13.83		5.61		19.04		12.81		5.52		7.49			
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	0.37		0.64		1.84		0.13		0.47		1.86		1.08			
392 JEWELLERY AND SILVERWARE INDUSTRY.....	0.09		0.01		0.26		0.08		0.13		0.50		0.73			
393 SPORTING GOODS AND TOY INDUSTRIES.....	0.17		0.11		0.45		0.13		0.23		0.69		0.40			
397 SIGNS AND DISPLAYS INDUSTRY.....	0.09		0.03		0.92		0.07		0.07		0.39		0.15			
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	0.34		0.19		0.67		0.37		0.40		1.04		0.59			
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1.05		0.99		4.13		0.78		1.29		4.48		2.95			
-----ALL MANUFACTURING INDUSTRIES-----	100.00		100.00		100.00		100.00		100.00		100.00		100.00			

***** NOTE : END OF TABLE 3 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 4

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1979

22

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	16,698	1,268.74	250.98	201.80	331.64	.00 431.28
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL		
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	9,225	1,247.74	326.58	73.66	404.85	6.04 386.04
104 DAIRY PRODUCTS INDUSTRY.....	8,800	1,970.19	405.47	427.95	566.08	.00 553.48
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	3,174	1,726.66	104.64	38.98	571.12	.00 1,007.85
106 FEED INDUSTRY.....	3,277	2,216.87	481.79	358.36	512.07	.00 821.01
107 BAKERY PRODUCTS INDUSTRIES.....	12,532	792.20	90.56	189.23	295.98	.00 215.97
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL		
109 BEVERAGE INDUSTRIES.....	13,014	1,725.74	212.48	221.52	880.01	.00 403.48
1 FOOD AND BEVERAGE INDUSTRIES.....	86,744	1,554.06	237.13	187.16	615.10	.96 477.14
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL		
153 TOBACCO PRODUCTS MANUFACTURERS.....				CONFIDENTIAL		
2 TOBACCO PRODUCTS INDUSTRIES.....	3,519	904.45	121.79	87.57	191.95	.00 481.07
162 RUBBER PRODUCTS INDUSTRIES.....	19,173	1,328.88	165.37	51.79	501.16	.13 592.32
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	20,644	1,116.55	96.34	31.64	254.83	.00 637.11
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	39,817	1,218.79	129.58	41.34	373.44	.06 615.54
172 LEATHER TANNERIES.....	1,664	1,659.30	422.77	5.92	730.29	.00 484.32
174 SHOE FACTORIES.....	8,750	181.81	13.37	6.63	44.37	.00 117.43
175 LEATHER GLOVE FACTORIES.....	288	153.26	9.01	6.55	76.11	.00 61.57

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1979

23

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL	FUEL	NATURAL	COAL	ELECTRICITY	
		(FUEL AND ELECTRICITY (\$))	OIL (\$)	GASOLINE (\$)	GAS (\$)	(\$)	(\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	2,628	266.53	19.24	14.30	69.98	.00	163.10
4 LEATHER INDUSTRIES.....	13,330	382.35	65.54	8.05	135.73	.00	171.02
181 COTTON YARN AND CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	1,525	844.86	1.21	27.97	460.87	.00	354.80
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	9,333	2,931.06	451.54	11.30	1,215.38	.00	1,247.24
184 CORDAGE AND TWINE INDUSTRY.....	443	700.97	79.49	13.99	40.21	.00	558.31
185 FELT AND FIBRE PROCESSING MILLS.....	1,052	1,205.84	110.07	137.38	485.32	.00	471.17
186 CARPET, MAT AND RUG INDUSTRY.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	1,433	266.53	49.27	65.07	59.71	.00	91.26
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	6,104	437.90	49.12	7.18	131.02	.00	224.74
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	7,205	640.87	64.57	20.56	273.27	.00	253.59
5 TEXTILE INDUSTRIES.....	31,297	1,400.12	171.38	21.60	587.90	.00	586.62
231 HOSIERY MILLS.....	1,853	426.02	57.14	1.66	140.47	.00	226.73
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	5,366	570.98	100.87	4.65	252.32	.00	210.46
6 KNITTING MILLS.....	7,219	533.77	89.65	3.89	223.61	.00	214.63
243 MEN'S CLOTHING INDUSTRIES.....	13,267	145.32	25.62	6.02	28.47	.00	81.80
244 WOMEN'S CLOTHING INDUSTRIES.....				CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....				CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	459	108.64	.00	20.73	3.47	.00	82.87

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1979

24

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$) (\$)
248 FOUNDATION GARMENT INDUSTRY.....	1,161	151.93	25.07	7.33	37.70	.00 81.81
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	1,531	262.15	3.64	28.92	84.99	.00 141.39
7 CLOTHING INDUSTRIES.....	24,957	142.02	16.56	9.08	29.30	.00 83.63
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	7,105	1,907.15	499.73	275.03	234.27	.00 777.00
252 VENEER AND PLYWOOD MILLS.....	2,470	1,069.57	160.82	65.71	385.58	8.09 409.97
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	7,460	601.88	69.91	169.67	109.67	.00 245.68
256 WOODEN BOX FACTORIES.....	2,570	611.80	119.21	127.34	132.16	.00 192.61
258 COFFIN AND CASKET INDUSTRY.....	190	596.47	82.54	233.80	119.18	.00 159.18
259 MISCELLANEOUS WOOD INDUSTRIES.....	3,107	2,821.47	172.93	64.20	1,327.59	.00 967.76
8 WOOD INDUSTRIES.....	22,902	1,359.45	232.67	172.62	345.91	.87 519.52
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	14,107	372.06	55.58	28.10	101.57	.51 180.19
264 OFFICE FURNITURE MANUFACTURERS.....	3,761	524.38	39.88	25.60	240.74	.00 209.43
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	6,227	392.96	38.06	52.24	144.26	.00 156.79
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	645	291.74	11.45	44.77	68.55	.00 166.96
9 FURNITURE AND FIXTURE INDUSTRIES.....	24,740	398.38	47.63	34.23	132.61	.29 178.40
271 PULP AND PAPER MILLS.....	22,539	10,288.84	1,123.42	25.94	4,477.57	233.94 4,081.41
272 ASPHALT ROOFING MANUFACTURERS.....	439	3,477.86	134.40	.00	2,623.92	.00 719.53
273 PAPER BOX & BAG MANUFACTURERS.....	12,844	830.90	60.01	73.61	281.38	.00 391.27
274 MISCELLANEOUS PAPER CONVERTERS.....	10,350	818.99	50.58	30.42	353.84	.00 377.16

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1979

25

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
10 PAPER AND ALLIED INDUSTRIES.....	46,172	5,470.32	577.71	39.96	2,368.28	114.20	2,192.58
286 COMMERCIAL PRINTING.....	25,228	373.80	24.24	39.32	92.91	.00	197.40
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	4,234	299.64	13.27	62.79	58.77	.00	159.24
288 PUBLISHING ONLY.....	5,106	.00	.00	.00	.00	.00	.00
289 PUBLISHING AND PRINTING.....	17,041	317.63	14.14	78.06	50.25	.00	167.57
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES....	51,609	312.19	17.61	50.15	66.83	.00	164.89
291 IRON AND STEEL MILLS.....	45,419	5,159.42	1,102.15	18.53	2,145.05	.00	1,889.92
292 STEEL PIPE AND TUBE MILLS.....	3,527	1,834.26	88.58	19.42	907.96	.00	803.07
294 IRON FOUNDRIES.....	7,465	2,411.00	189.88	16.56	565.69	2.19	1,438.35
295 SMELTING AND REFINING.....	6,487	9,890.74	1,596.19	21.08	2,911.02	79.95	5,249.91
296 ALUMINUM ROLLING, CASTING AND EXTRUDING....	4,894	2,121.72	407.17	32.02	757.81	.00	920.10
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING..							
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.							
12 PRIMARY METAL INDUSTRIES.....	75,513	4,615.79	879.72	20.23	1,769.92	10.06	1,905.41
301 BOILER AND PLATE WORKS.....	5,581	579.45	94.84	44.60	192.74	.00	241.11
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	5,849	682.06	116.40	102.96	182.70	.00	271.92
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY..	8,101	519.29	33.51	77.91	152.46	.00	248.66
304 METAL STAMPING, PRESSING AND COATING IND....	21,103	999.21	53.64	46.11	471.37	.00	402.80
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	12,350	1,056.11	26.53	21.25	502.32	.00	460.18

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1979

27

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED					
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL (\$)	ELECTRICITY (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	4,305	624.38	26.57	17.98	323.49	.00	251.42
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	8,919	665.74	20.31	.01	319.14	.00	275.80
333 MANUFACTURERS OF LIGHTING FIXTURES.....	1,580	415.23	25.47	31.38	161.53	.00	196.83
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	2,802	214.37	16.27	.77	65.80	.00	131.35
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	24,230	308.53	18.05	24.42	77.35	.00	187.31
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	21,742	483.45	35.52	14.42	170.92	.17	249.97
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	5,305	1,217.68	42.57	13.15	379.69	.00	756.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	10,967	542.23	33.31	33.48	191.52	1.75	278.60
16 ELECTRICAL PRODUCTS INDUSTRIES.....	79,850	504.39	27.33	18.43	180.13	.28	266.25
351 CLAY PRODUCTS MANUFACTURERS.....	2,719	4,261.52	281.84	50.43	3,114.90	.00	787.67
352 CEMENT MANUFACTURERS.....	1,372	37,575.13	7,760.13	44.76	7,423.65	12,906.63	9,188.02
353 STONE PRODUCTS MANUFACTURERS.....	223	357.20	12.15	98.05	80.24	.00	166.75
354 CONCRETE PRODUCTS MANUFACTURERS.....	3,880	2,113.14	728.65	341.94	624.10	.00	378.96
355 READY-MIX CONCRETE MANUFACTURERS.....	2,691	2,497.82	1,598.29	251.01	279.02	.00	352.83
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	7,836	3,649.53	26.70	23.96	2,637.63	.00	924.90
357 ABRASIVES MANUFACTURERS.....	2,200	7,276.37	65.37	32.61	481.53	.00	6,688.56
358 LIME MANUFACTURERS.....	463	39,681.09	6,753.73	83.02	27,443.84	2,785.07	2,600.11
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	5,647	4,785.04	1,479.45	48.31	1,586.51	123.66	1,303.01
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	27,031	6,220.25	1,123.84	103.34	2,413.46	728.63	1,765.71

TABLE 4 (CONT'D)

DIRECT ENERGY REQUIREMENTS PER EMPLOYEE - ONTARIO 1979

28

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF EMPLOYEES	AMOUNT SPENT ON ENERGY PER PERSON EMPLOYED				
		TOTAL FUEL AND ELECTRICITY (\$)	FUEL OIL (\$)	GASOLINE (\$)	NATURAL GAS (\$)	COAL ELECTRICITY (\$)
365 PETROLEUM REFINERIES.....	10,552	5,508.42	60.25	22.64	2,169.76	.00 2,351.34
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	93	9,484.98	4,621.20	21.72	3,005.91	.00 1,823.50
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	10,645	5,543.16	100.10	22.63	2,177.07	.00 2,356.64
372 MANUFACTURERS OF MIXED FERTILIZERS.....	666	1,029.39	77.83	458.67	53.10	.00 433.53
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	3,049	6,465.62	1,257.42	26.98	1,559.48	.00 2,426.59
374 MFRS PHARMACEUTICALS AND MEDICINES.....	9,356	554.69	32.33	78.29	193.57	.00 244.95
375 PAINT AND VARNISH MANUFACTURERS.....	3,900	868.98	185.84	72.16	232.31	.00 335.32
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	5,893	1,385.15	209.81	16.99	738.78	.00 341.30
377 MANUFACTURERS OF TOILET PREPARATIONS.....	3,703	344.58	53.15	30.35	116.94	.00 144.09
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	15,385	18,158.26	1,466.81	30.98	7,184.09	.00 4,290.10
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	8,470	1,152.53	237.42	93.70	334.38	.00 414.44
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	50,422	6,496.04	613.30	57.21	2,492.03	.00 1,652.95
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND.....	16,958	376.81	84.76	55.84	50.84	.00 180.87
392 JEWELLERY AND SILVERWARE INDUSTRY.....	4,564	336.38	5.34	28.75	116.54	.00 182.39
393 SPORTING GOODS AND TOY INDUSTRIES.....	6,346	454.11	39.18	36.32	138.88	.00 234.57
397 SIGNS AND DISPLAYS INDUSTRY.....	3,574	417.65	19.15	131.97	131.49	.00 127.50
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	9,502	624.21	45.52	36.03	253.64	.00 270.82
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	40,944	445.26	54.01	51.84	125.91	.00 205.58
-----ALL MANUFACTURING INDUSTRIES-----	913,612	1,903.39	244.77	56.24	722.37	31.72 712.06

***** NOTE : END OF TABLE 4 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 5

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1979

29

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS		NATURAL GAS (%)	COAL ELECTRICITY (%)
				(%)	(%)		
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	21,185	19.79	15.91	0.22	26.14	0.00	34.00
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES....	11,510	26.18	5.91	1.60	32.45	0.48	30.94
104 DAIRY PRODUCTS INDUSTRY.....	17,338	20.59	21.73	0.80	28.74	0.00	28.10
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	5,480	6.07	2.26	0.24	33.08	0.00	58.38
106 FEED INDUSTRY.....	7,265	21.74	16.17	1.56	23.10	0.00	37.04
107 BAKERY PRODUCTS INDUSTRIES.....	9,928	11.44	23.89	0.04	37.37	0.00	27.27
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	22,459	12.32	12.84	0.48	51.00	0.00	23.39
1 FOOD AND BEVERAGE INDUSTRIES.....	134,806	15.26	12.05	0.53	39.59	0.06	30.71
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....				CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	3,183	13.47	9.69	1.83	21.23	0.00	53.19
162 RUBBER PRODUCTS INDUSTRIES.....	25,479	12.45	3.90	0.79	37.72	0.01	44.58
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	23,050	8.63	2.84	0.54	22.83	0.00	57.07
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	48,529	10.64	3.40	0.67	30.65	0.00	50.51
172 LEATHER TANNERIES.....	2,761	25.48	0.36	0.97	44.02	0.00	29.19
174 SHOE FACTORIES.....	1,591	7.36	3.65	0.01	24.41	0.00	64.59
175 LEATHER GLOVE FACTORIES.....	44	5.88	4.28	0.01	49.67	0.00	40.18

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1979

30

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	LIQUID PETROLEUM		NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
			GASOLINE	GAS			
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	701	7.22	5.37	0.01	26.25	0.00	61.18
4 LEATHER INDUSTRIES.....	5,097	17.15	2.11	0.53	35.50	0.00	44.73
181 COTTON YARN AND CLOTH MILLS.....							
182 WOOL YARN AND CLOTH MILLS.....	1,288	0.15	3.32	0.01	54.55	0.00	42.00
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	27,356	15.41	0.39	0.20	41.47	0.00	42.56
184 CORDAGE AND TWINE INDUSTRY.....	311	11.35	2.00	1.28	5.74	0.00	79.65
185 FELT AND FIBRE PROCESSING MILLS.....	1,269	9.13	11.40	0.16	40.25	0.00	39.08
186 CARPET, MAT AND RUG INDUSTRY.....							
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	382	18.49	24.42	0.46	22.41	0.00	34.24
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	2,673	11.22	1.65	0.92	29.93	0.00	51.33
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	4,617	10.08	3.21	0.05	42.65	0.00	39.58
5 TEXTILE INDUSTRIES.....	43,820	12.25	1.55	0.37	41.99	0.00	42.62
231 HOSIERY MILLS.....	789	13.42	0.40	0.01	32.98	0.00	53.23
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	3,064	17.67	0.82	0.10	44.20	0.00	36.87
6 KNITTING MILLS.....	3,853	16.80	0.73	0.08	41.90	0.00	40.22
243 MEN'S CLOTHING INDUSTRIES.....	1,928	17.64	4.15	0.01	19.60	0.00	56.30
244 WOMEN'S CLOTHING INDUSTRIES.....							
245 CHILDREN'S CLOTHING INDUSTRY.....							
246 FUR GOODS INDUSTRY.....	50	0.01	19.09	1.44	3.20	0.00	76.29

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TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1979

31

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$'000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
248 FOUNDATION GARMENT INDUSTRY.....	176	16.51	4.84	0.01	24.82	0.00	53.85
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	401	1.40	11.04	0.42	32.43	0.00	53.94
7 CLOTHING INDUSTRIES.....	3,545	11.67	6.40	0.07	20.64	0.00	58.89
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	13,950	26.21	14.43	4.29	12.29	0.00	40.75
252 VENEER AND PLYWOOD MILLS.....	2,642	15.04	6.15	0.92	36.06	0.75	38.34
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	4,490	11.62	28.20	0.80	18.23	0.00	40.82
256 WOODEN BOX FACTORIES.....	1,572	19.49	20.82	6.62	21.61	0.00	31.49
258 COFFIN AND CASKET INDUSTRY.....	113	13.84	39.20	0.30	19.99	0.00	26.69
259 MISCELLANEOUS WOOD INDUSTRIES.....	8,766	6.13	2.28	4.61	47.06	0.00	34.31
8 WOOD INDUSTRIES.....	31,134	17.12	12.70	3.69	25.45	0.06	38.22
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	5,249	14.94	7.56	0.66	27.31	0.13	48.44
264 OFFICE FURNITURE MANUFACTURERS.....	1,972	7.61	4.89	1.67	45.92	0.00	39.94
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	2,447	9.69	13.30	0.41	36.72	0.00	39.90
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	188	3.93	15.35	0.01	23.50	0.00	57.23
9 FURNITURE AND FIXTURE INDUSTRIES.....	9,856	11.96	8.60	0.79	33.29	0.07	44.79
271 PULP AND PAPER MILLS.....	231,900	10.92	0.26	0.28	43.52	2.27	39.67
272 ASPHALT ROOFING MANUFACTURERS.....	1,527	3.87	0.01	0.01	75.45	0.00	20.69
273 PAPER BOX & BAG MANUFACTURERS.....	10,672	7.23	8.87	1.95	33.87	0.00	47.09
274 MISCELLANEOUS PAPER CONVERTERS.....	8,477	6.18	3.72	0.86	43.21	0.00	46.06

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1979

32

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS		NATURAL GAS (%)	COAL ELECTRICITY (%)
				(%)	(%)		
10 PAPER AND ALLIED INDUSTRIES.....	252,576	10.57	0.74	0.36	43.30	2.08	40.09
286 COMMERCIAL PRINTING.....	9,430	6.49	10.53	0.17	24.86	0.00	52.81
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	1,269	4.44	20.96	0.02	19.62	0.00	53.15
288 PUBLISHING ONLY.....	0	0.00	0.00	0.00	0.00	0.00	0.00
289 PUBLISHING AND PRINTING.....	5,413	4.46	24.58	0.01	15.83	0.00	52.76
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	16,112	5.65	16.07	0.10	21.41	0.00	52.82
291 IRON AND STEEL MILLS.....	234,336	21.37	0.36	0.08	41.58	0.00	36.64
292 STEEL PIPE AND TUBE MILLS.....	6,469	4.83	1.06	0.82	49.51	0.00	43.79
294 IRON FOUNDRIES.....	17,998	7.88	0.69	0.70	23.47	0.09	59.66
295 SMELTING AND REFINING.....	64,161	16.14	0.22	0.13	29.44	0.80	53.08
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	10,384	19.20	1.51	0.22	35.72	0.00	43.37
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.							
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.							
12 PRIMARY METAL INDUSTRIES.....	348,553	19.06	0.44	0.23	38.35	0.21	41.29
301 BOILER AND PLATE WORKS.....	3,234	16.37	7.70	1.06	33.27	0.00	41.62
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	3,989	17.07	15.10	1.19	26.79	0.00	39.87
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	4,207	6.46	15.01	1.30	29.36	0.00	47.89
304 METAL STAMPING, PRESSING AND COATING IND....	21,086	5.37	4.62	1.75	47.18	0.00	40.32
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	13,043	2.52	2.02	2.44	47.57	0.00	43.58

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TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1979

33

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS.....	6,669	3.07	10.71	0.31	34.64	0.00	50.85
307 HEATING EQUIPMENT MANUFACTURERS.....	1,712	4.29	6.23	1.95	40.90	0.00	46.64
308 MACHINE SHOPS.....	2,005	8.79	23.53	2.54	22.55	0.04	42.20
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	17,655	14.26	5.49	1.47	43.73	0.02	34.48
13 METAL FABRICATING INDUSTRIES.....	73,600	8.04	6.77	1.62	41.73	0.00	41.11
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	9,802	8.70	1.86	1.27	52.13	0.00	36.06
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	19,967	7.81	6.59	1.82	34.35	0.34	48.72
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	1,482	7.36	10.31	1.14	42.36	0.00	38.86
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	3,075	0.85	30.61	0.01	16.57	0.00	51.99
14 MACHINERY INDUSTRIES.....	34,326	7.42	7.55	1.47	38.18	0.20	44.97
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	5,316	21.06	3.81	0.07	21.08	0.00	50.77
323 MOTOR VEHICLE MANUFACTURERS.....	38,360	19.52	5.91	0.29	26.51	7.44	40.30
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	2,757	11.02	13.23	1.39	35.25	0.00	39.13
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	63,709	7.08	1.92	1.02	29.58	0.30	54.82
326 RAILROAD ROLLING STOCK INDUSTRY.....	5,013	17.81	1.13	1.82	38.48	0.00	39.62
327 SHIPBUILDING AND REPAIR.....	1,104	6.56	9.04	7.16	24.94	0.00	52.33
328 BOATBUILDING AND REPAIR.....							
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....							
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	116,782	12.36	3.70	0.84	28.64	2.60	48.73

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TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1979

34

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	2,688	4.26	2.88	0.78	51.81	0.00	40.27
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	5,938	3.06	0.01	0.89	47.94	0.00	41.43
333 MANUFACTURERS OF LIGHTING FIXTURES.....	656	6.14	7.56	0.01	38.91	0.00	47.41
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	601	7.60	0.37	0.08	30.70	0.00	61.28
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	7,476	5.86	7.92	0.14	25.08	0.00	60.71
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	10,511	7.35	2.99	1.00	35.36	0.03	51.71
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	6,460	3.50	1.09	1.52	31.19	0.00	62.09
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	5,947	6.15	6.18	0.12	35.33	0.32	51.39
16 ELECTRICAL PRODUCTS INDUSTRIES.....	40,276	5.42	3.66	0.73	35.72	0.05	52.79
351 CLAY PRODUCTS MANUFACTURERS.....	11,587	6.62	1.19	0.63	73.10	0.00	18.49
352 CEMENT MANUFACTURERS.....	51,553	20.66	0.12	0.04	19.76	34.34	24.46
353 STONE PRODUCTS MANUFACTURERS.....	80	3.41	27.46	0.01	22.47	0.00	46.69
354 CONCRETE PRODUCTS MANUFACTURERS.....	8,199	34.49	16.19	1.67	29.54	0.00	17.94
355 READY-MIX CONCRETE MANUFACTURERS.....	6,722	63.99	10.05	0.10	11.18	0.00	14.13
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	28,598	0.74	0.66	0.85	72.28	0.00	25.35
357 ABRASIVES MANUFACTURERS.....	16,008	0.90	0.45	0.12	6.62	0.00	91.93
358 LIME MANUFACTURERS.....	18,372	17.03	0.21	0.04	69.17	7.01	6.56
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	27,021	30.92	1.01	0.43	33.16	2.58	27.24
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	168,140	18.07	1.67	0.37	38.81	11.71	28.39

TABLE 5 (CONT'D)

COMPOSITION OF ENERGY CONSUMPTION BY MAJOR GROUP AND BY INDUSTRY GROUP - ONTARIO 1979

35

MAJOR GROUP, SIC & INDUSTRY GROUP	TOTAL FUEL AND ELECTRICITY (\$000'S)	ENERGY CONSUMPTION BY TYPE OF FUEL (\$)					
		FUEL OIL (%)	GASOLINE (%)	LIQUID PETROLEUM GAS (%)	NATURAL GAS (%)	COAL (%)	ELECTRICITY (%)
365 PETROLEUM REFINERIES.....	58,125	1.10	0.42	9.94	39.40	0.00	42.87
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	882	48.73	0.23	0.14	31.70	0.00	19.23
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	59,007	1.81	0.41	9.79	39.28	0.00	42.52
372 MANUFACTURERS OF MIXED FERTILIZERS.....	686	7.57	44.56	0.61	5.16	0.00	42.12
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	19,714	19.45	0.42	0.37	24.12	0.00	37.54
374 MFRS PHARMACEUTICALS AND MEDICINES.....	5,190	5.83	14.12	0.09	34.90	0.00	44.16
375 PAINT AND VARNISH MANUFACTURERS.....	3,389	21.39	8.31	0.58	26.74	0.00	38.59
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	8,163	15.15	1.23	0.35	53.34	0.00	24.65
377 MANUFACTURERS OF TOILET PREPARATIONS.....	1,276	15.43	8.81	0.01	33.94	0.00	41.82
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	279,365	8.08	0.18	0.19	39.57	0.00	23.63
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	9,762	20.60	8.14	0.21	29.02	0.00	35.96
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	327,544	9.45	0.89	0.21	38.37	0.00	25.45
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	6,390	22.50	14.83	0.46	13.50	0.00	48.01
392 JEWELLERY AND SILVERWARE INDUSTRY.....	1,535	1.59	8.55	1.00	34.65	0.00	54.23
393 SPORTING GOODS AND TOY INDUSTRIES.....	2,882	8.63	8.00	0.84	30.59	0.00	51.66
397 SIGNS AND DISPLAYS INDUSTRY.....	1,493	4.59	31.60	1.81	31.49	0.00	30.53
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	5,931	7.30	5.78	0.15	40.64	0.00	43.39
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	18,231	12.14	11.65	0.58	28.28	0.00	46.18
-----ALL MANUFACTURING INDUSTRIES-----	1,738,968	12.86	2.96	0.83	37.96	1.66	37.42

***** NOTE : END OF TABLE 5 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 6

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

36

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	7,397	4,191	.57	443	3	14
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	6,335	3,013	.48	687	8	21
104 DAIRY PRODUCTS INDUSTRY.....	5,956	3,568	.60	677	5	19
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	454	332	.73	143	1	3
106 FEED INDUSTRY.....	2,393	1,579	.66	730	4	18
107 BAKERY PRODUCTS INDUSTRIES.....	1,607	1,135	.71	128	3	6
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	5,127	2,765	.54	394	4	7
1 FOOD AND BEVERAGE INDUSTRIES.....	37,547	20,570	.55	433	4	12
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	935	429	.46	266	1	5
162 RUBBER PRODUCTS INDUSTRIES.....	7,022	3,171	.45	366	6	12
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	3,797	1,989	.52	184	3	7
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	10,818	5,160	.48	272	4	9
172 LEATHER TANNERIES.....	1,570	703	.45	944	10	35
174 SHOE FACTORIES.....	192	117	.61	22	1	1
175 LEATHER GLOVE FACTORIES.....	5	3	.53	17	1	1

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

37

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS (GAL)	\$1000 OF VALUE ADDED (GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	98	51	.52	37	1	2
4 LEATHER INDUSTRIES.....	1,865	874	.47	140	3	8
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	3	2	.56	2	0	0
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	10,616	4,214	.40	1,137	16	35
184 CORDAGE AND TWINE INDUSTRY.....	67	35	.53	151	3	7
185 FELT AND FIBRE PROCESSING MILLS.....	232	116	.50	220	5	10
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	133	71	.53	93	2	5
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	599	300	.50	98	1	3
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	941	465	.49	131	3	6
5 TEXTILE INDUSTRIES.....	12,827	5,364	.42	410	7	15
231 HOSIERY MILLS.....	209	106	.51	113	3	6
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	1,305	541	.41	243	7	14
6 KNITTING MILLS.....	1,514	647	.43	210	6	12
243 MEN'S CLOTHING INDUSTRIES.....	654	340	.52	49	1	2
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	0	0	.00	0	0	0

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

38

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED		UNIT PRICE (\$/GAL)	QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)		EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
248 FOUNDATION GARMENT INDUSTRY.....	57	29	.51	49	1	2
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	10	6	.57	6	0	0
7 CLOTHING INDUSTRIES.....	791	413	.52	32	1	2
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	4,841	3,551	.73	681	10	20
252 VENEER AND PLYWOOD MILLS.....	747	397	.53	302	7	13
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	849	522	.61	114	2	5
256 WOODEN BOX FACTORIES.....	483	306	.63	188	4	9
258 COFFIN AND CASKET INDUSTRY.....	24	16	.66	125	4	7
259 MISCELLANEOUS WOOD INDUSTRIES.....	828	537	.65	266	4	9
8 WOOD INDUSTRIES.....	7,771	5,329	.69	339	6	13
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	1,541	784	.51	109	3	5
264 OFFICE FURNITURE MANUFACTURERS.....	279	150	.54	74	1	3
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	430	237	.55	69	1	3
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	13	7	.56	20	1	1
9 FURNITURE AND FIXTURE INDUSTRIES.....	2,262	1,179	.52	91	2	4
271 PULP AND PAPER MILLS.....	53,243	25,321	.48	2,362	24	54
272 ASPHALT ROOFING MANUFACTURERS.....	118	59	.50	269	2	5
273 PAPER BOX & BAG MANUFACTURERS.....	1,321	771	.58	103	2	4
274 MISCELLANEOUS PAPER CONVERTERS.....	1,023	524	.51	99	1	3

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

39

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED		QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
10 PAPER AND ALLIED INDUSTRIES.....	55,704	26,674	.48	1,206	14
286 COMMERCIAL PRINTING.....	1,091	612	.56	43	1
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	92	56	.61	22	1
288 PUBLISHING ONLY.....	0	0	.00	0	0
289 PUBLISHING AND PRINTING.....	370	241	.65	22	1
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,554	909	.58	30	1
291 IRON AND STEEL MILLS.....	116,409	50,059	.43	2,563	24
292 STEEL PIPE AND TUBE MILLS.....	723	312	.43	205	2
294 IRON FOUNDRIES.....	3,077	1,417	.46	412	8
295 SMELTING AND REFINING.....	25,068	10,355	.41	3,864	72
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	4,026	1,993	.49	823	8
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.					
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.					
12 PRIMARY METAL INDUSTRIES.....	153,962	66,431	.43	2,039	21
301 BOILER AND PLATE WORKS.....	876	529	.60	157	2
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	1,093	681	.62	187	3
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	375	272	.72	46	1
304 METAL STAMPING, PRESSING AND COATING IND....	1,721	1,132	.66	82	1
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	609	328	.54	49	1
			CONFIDENTIAL		
			CONFIDENTIAL		

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

40

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED		QUANTITY OF FUEL OIL REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS.....	364	205	.56	25	1	1
307 HEATING EQUIPMENT MANUFACTURERS.....	132	73	.56	35	1	1
308 MACHINE SHOPS.....	286	176	.61	55	1	2
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	5,225	2,517	.48	315	5	11
13 METAL FABRICATING INDUSTRIES.....	10,680	5,913	.55	115	2	4
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	1,725	852	.49	166	2	5
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	3,114	1,558	.50	77	1	2
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	204	109	.53	63	1	2
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	36	26	.71	6	0	0
14 MACHINERY INDUSTRIES.....	5,079	2,545	.50	84	1	3
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	2,651	1,119	.42	210	4	8
323 MOTOR VEHICLE MANUFACTURERS.....	19,366	7,487	.39	464	2	11
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	460	304	.66	78	1	3
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	9,518	4,505	.47	180	2	5
326 RAILROAD ROLLING STOCK INDUSTRY.....	1,874	893	.48	308	4	9
327 SHIPBUILDING AND REPAIR.....	92	72	.79	42	1	1
328 BOATBUILDING AND REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....			CONFIDENTIAL			
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	34,036	14,431	.42	277	2	7

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

41

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	219	114	.52	51	1	2
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	421	181	.43	47	1	2
333 MANUFACTURERS OF LIGHTING FIXTURES.....	88	40	.46	56	1	2
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	93	46	.49	33	0	1
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	951	437	.46	39	1	1
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,681	772	.46	77	2	3
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	339	226	.67	64	1	2
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	648	365	.56	59	1	3
16 ELECTRICAL PRODUCTS INDUSTRIES.....	4,440	2,182	.49	56	1	2
351 CLAY PRODUCTS MANUFACTURERS.....	1,215	766	.63	447	11	16
352 CEMENT MANUFACTURERS.....	26,800	10,647	.40	19,534	123	196
353 STONE PRODUCTS MANUFACTURERS.....	4	3	.67	18	1	1
354 CONCRETE PRODUCTS MANUFACTURERS.....	4,144	2,827	.68	1,068	19	34
355 READY-MIX CONCRETE MANUFACTURERS.....	6,033	4,301	.71	2,242	22	64
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	274	209	.76	35	1	1
357 ABRASIVES MANUFACTURERS.....	256	144	.56	116	2	4
358 LIME MANUFACTURERS.....	6,822	3,127	.46	14,734	143	287
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	19,188	8,354	.44	3,398	56	105
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	64,737	30,379	.47	2,395	35	65

TABLE 6 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

42

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL USED			QUANTITY OF FUEL OIL REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
365 PETROLEUM REFINERIES.....	1,208	636	.53	114	0	3
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	870	430	.49	9,360	46	174
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	2,078	1,066	.51	195	1	5
372 MANUFACTURERS OF MIXED FERTILIZERS.....	66	52	.79	99	1	4
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	8,891	3,834	.43	2,916	14	42
374 MFRS PHARMACEUTICALS AND MEDICINES.....	630	302	.48	67	1	2
375 PAINT AND VARNISH MANUFACTURERS.....	1,519	725	.48	390	4	9
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	2,682	1,236	.46	455	4	8
377 MANUFACTURERS OF TOILET PREPARATIONS.....	442	197	.44	119	2	3
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	58,192	22,567	.39	3,782	25	66
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	4,418	2,011	.46	522	6	12
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	76,840	30,924	.40	1,524	13	31
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	3,356	1,437	.43	198	4	8
392 JEWELLERY AND SILVERWARE INDUSTRY.....	42	24	.59	9	0	0
393 SPORTING GOODS AND TOY INDUSTRIES.....	479	249	.52	76	2	3
397 SIGNS AND DISPLAYS INDUSTRY.....	119	68	.57	33	1	2
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	860	433	.50	91	2	3
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	4,856	2,212	.46	119	2	5
-----ALL MANUFACTURING INDUSTRIES-----	490,299	223,630	.46	537	6	16

***** NOTE : END OF TABLE 6 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 7

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

43

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER			
	QUANTITY	COST	UNIT PRICE	EMPLOYEE	\$1000 OF	\$1000 OF	
	(GAL 000)	(\$000'S)	(\$/GAL)	(GAL)	SHIPMENTS	VALUE ADDED	
					(GAL)	(GAL)	
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	3,874	3,370	.87	232	1	7	
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL				
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	610	680	1.11	66	1	2	
104 DAIRY PRODUCTS INDUSTRY.....	4,360	3,766	.86	496	3	14	
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	132	124	.94	41	0	1	
106 FEED INDUSTRY.....	1,316	1,174	.89	402	2	10	
107 BAKERY PRODUCTS INDUSTRIES.....	2,603	2,372	.91	208	5	10	
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL				
109 BEVERAGE INDUSTRIES.....	3,301	2,883	.87	254	3	5	
1 FOOD AND BEVERAGE INDUSTRIES.....	18,155	16,235	.89	209	2	6	
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL				
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL				
2 TOBACCO PRODUCTS INDUSTRIES.....	288	308	1.07	82	0	1	
162 RUBBER PRODUCTS INDUSTRIES.....	980	993	1.01	51	1	2	
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	651	653	1.00	32	1	1	
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	1,631	1,646	1.01	41	1	1	
172 LEATHER TANNERIES.....	11	10	.91	6	0	0	
174 SHOE FACTORIES.....	61	58	.94	7	0	0	
175 LEATHER GLOVE FACTORIES.....	2	2	.96	7	0	0	

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

44

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED		QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	36	38	1.04	14	0
4 LEATHER INDUSTRIES.....	110	107	.97	8	0
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	37	43	1.14	25	1
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	104	106	1.02	11	0
184 CORDAGE AND TWINE INDUSTRY.....	6	6	1.00	14	0
185 FELT AND FIBRE PROCESSING MILLS.....	152	145	.95	145	3
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	98	93	.95	69	2
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	45	44	.97	7	0
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	148	148	1.00	21	0
5 TEXTILE INDUSTRIES.....	681	676	.99	22	0
231 HOSIERY MILLS.....	3	3	.98	2	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	27	25	.93	5	0
6 KNITTING MILLS.....	30	28	.93	4	0
243 MEN'S CLOTHING INDUSTRIES.....	80	80	1.00	6	0
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	10	10	.97	21	0

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

45

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
248 FOUNDATION GARMENT INDUSTRY.....	8	9	1.01	7	0	0
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	45	44	.99	29	1	2
7 CLOTHING INDUSTRIES.....	230	227	.99	9	0	0
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	1,996	1,954	.98	281	4	8
252 VENEER AND PLYWOOD MILLS.....	167	162	.97	67	2	3
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	1,264	1,266	1.00	169	3	7
256 WOODEN BOX FACTORIES.....	376	327	.87	146	3	7
258 COFFIN AND CASKET INDUSTRY.....	42	44	1.06	220	7	12
259 MISCELLANEOUS WOOD INDUSTRIES.....	209	199	.95	67	1	2
8 WOOD INDUSTRIES.....	4,054	3,953	.98	177	3	7
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	407	397	.97	29	1	1
264 OFFICE FURNITURE MANUFACTURERS.....	98	96	.98	26	1	1
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	340	325	.96	55	1	2
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	28	29	1.03	44	1	2
9 FURNITURE AND FIXTURE INDUSTRIES.....	873	847	.97	35	1	2
271 PULP AND PAPER MILLS.....	675	585	.87	30	0	1
272 ASPHALT ROOFING MANUFACTURERS.....	0	0	.00	0	0	0
273 PAPER BOX & BAG MANUFACTURERS.....	976	946	.97	76	1	3
274 MISCELLANEOUS PAPER CONVERTERS.....	314	315	1.00	30	0	1

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

46

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
10 PAPER AND ALLIED INDUSTRIES.....	1,965	1,845	.94	43	1	1
286 COMMERCIAL PRINTING.....	950	992	1.04	38	1	1
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	258	266	1.03	61	2	2
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING AND PRINTING.....	1,426	1,330	.93	84	2	3
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	2,634	2,588	.98	51	1	2
291 IRON AND STEEL MILLS.....	1,154	842	.73	25	0	1
292 STEEL PIPE AND TUBE MILLS.....	76	69	.90	22	0	1
294 IRON FOUNDRIES.....	131	124	.94	18	0	1
295 SMELTING AND REFINING.....	149	137	.92	23	0	1
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	171	157	.91	35	0	1
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	1,898	1,528	.81	25	0	1
301 BOILER AND PLATE WORKS.....	254	249	.98	45	1	1
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	606	602	.99	104	2	4
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	634	631	1.00	78	1	3
304 METAL STAMPING, PRESSING AND COATING IND....	987	973	.99	47	1	1
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	283	263	.93	23	0	1

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TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

47

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	702	714	1.02	48	1	2
307 HEATING EQUIPMENT MANUFACTURERS.....	108	107	.99	29	1	1
308 MACHINE SHOPS.....	492	472	.96	94	2	3
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	1,008	969	.96	61	1	2
13 METAL FABRICATING INDUSTRIES.....	5,074	4,979	.98	54	1	2
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	201	182	.90	19	0	1
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1,322	1,314	.99	33	0	1
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	143	153	1.06	44	1	1
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	868	941	1.08	135	2	5
14 MACHINERY INDUSTRIES.....	2,534	2,590	1.02	42	1	1
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	189	203	1.07	15	0	1
323 MOTOR VEHICLE MANUFACTURERS.....	3,348	2,266	.68	80	0	2
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	368	365	.99	62	1	2
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,447	1,221	.84	27	0	1
326 RAILROAD ROLLING STOCK INDUSTRY.....	60	56	.94	10	0	0
327 SHIPBUILDING AND REPAIR.....	98	100	1.02	45	1	1
328 BOATBUILDING AND REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....			CONFIDENTIAL			
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	5,613	4,317	.77	46	0	1

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

48

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	76	77	1.02	18	0	1
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON) .	0	0	1.25	0	0	0
333 MANUFACTURERS OF LIGHTING FIXTURES.....	52	50	.95	33	0	1
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	2	2	1.10	1	0	0
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	542	592	1.09	22	0	1
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	312	314	1.01	14	0	1
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	77	70	.91	14	0	0
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	369	367	1.00	34	1	1
16 ELECTRICAL PRODUCTS INDUSTRIES.....	1,430	1,472	1.03	18	0	1
351 CLAY PRODUCTS MANUFACTURERS.....	143	137	.96	53	1	2
352 CEMENT MANUFACTURERS.....	80	61	.77	58	0	1
353 STONE PRODUCTS MANUFACTURERS.....	21	22	1.03	95	3	4
354 CONCRETE PRODUCTS MANUFACTURERS.....	1,380	1,327	.96	356	6	11
355 READY-MIX CONCRETE MANUFACTURERS.....	767	675	.88	285	3	8
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	199	188	.94	25	0	1
357 ABRASIVES MANUFACTURERS.....	75	72	.95	34	0	1
358 LIME MANUFACTURERS.....	54	38	.71	117	1	2
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	310	273	.88	55	1	2
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	3,029	2,793	.92	112	2	3

TABLE 7 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

49

MAJOR GROUP, SIC & INDUSTRY GROUP	GASOLINE USED			QUANTITY OF GASOLINE REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
365 PETROLEUM REFINERIES.....	255	239	.94	24	0	1
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	2	2	.87	25	0	0
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	258	241	.94	24	0	1
372 MANUFACTURERS OF MIXED FERTILIZERS.....	322	305	.95	483	3	18
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	84	82	.98	28	0	0
374 MFRS PHARMACEUTICALS AND MEDICINES.....	708	733	1.04	76	1	2
375 PAINT AND VARNISH MANUFACTURERS.....	257	281	1.10	66	1	2
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	108	100	.93	18	0	0
377 MANUFACTURERS OF TOILET PREPARATIONS.....	109	112	1.03	29	1	1
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	509	477	.94	33	0	1
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	746	794	1.06	88	1	2
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	2,842	2,885	1.01	56	0	1
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	880	947	1.08	52	1	2
392 JEWELLERY AND SILVERWARE INDUSTRY.....	102	131	1.29	22	0	1
393 SPORTING GOODS AND TOY INDUSTRIES.....	232	230	.99	37	1	1
397 SIGNS AND DISPLAYS INDUSTRY.....	490	472	.96	137	4	7
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	356	342	.96	37	1	1
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	2,060	2,123	1.03	50	1	2
-----ALL MANUFACTURING INDUSTRIES-----	55,389	51,391	.93	61	1	2

***** NOTE : END OF TABLE 7 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 8

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

50

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF VALUE ADDED (MCF)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	2,526	5,538	2.19	151	1	5
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	1,648	3,735	2.27	179	2	5
104 DAIRY PRODUCTS INDUSTRY.....	2,257	4,982	2.21	256	2	7
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	823	1,813	2.20	259	2	6
106 FEED INDUSTRY.....	696	1,678	2.41	212	1	5
107 BAKERY PRODUCTS INDUSTRIES.....	1,562	3,709	2.37	125	3	6
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	5,243	11,453	2.18	403	4	7
1 FOOD AND BEVERAGE INDUSTRIES.....	24,604	53,357	2.17	284	2	8
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	284	675	2.38	81	0	1
162 RUBBER PRODUCTS INDUSTRIES.....	4,416	9,609	2.18	230	4	7
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	2,290	5,261	2.30	111	2	4
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	6,706	14,870	2.22	168	3	6
172 LEATHER TANNERIES.....	509	1,215	2.39	306	3	11
174 SHOE FACTORIES.....	162	388	2.40	19	1	1
175 LEATHER GLOVE FACTORIES.....	8	22	2.63	29	1	2

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

51

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF VALUE ADDED (MCF)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	71	184	2.59	27	1	2
4 LEATHER INDUSTRIES.....	751	1,809	2.41	56	1	3
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	316	703	2.22	208	6	9
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	5,465	11,343	2.08	586	8	18
184 CORDAGE AND TWINE INDUSTRY.....	6	18	2.81	14	0	1
185 FELT AND FIBRE PROCESSING MILLS.....	210	511	2.43	200	4	9
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	34	86	2.51	24	1	1
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	312	800	2.56	51	1	2
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	841	1,969	2.34	117	3	5
5 TEXTILE INDUSTRIES.....	8,499	18,400	2.16	272	5	10
231 HOSIERY MILLS.....	102	260	2.54	55	2	3
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	565	1,354	2.40	105	3	6
6 KNITTING MILLS.....	667	1,614	2.42	92	3	5
243 MEN'S CLOTHING INDUSTRIES.....	147	378	2.57	11	0	1
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	1	2	2.56	1	0	0

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

52

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENT'S VALUE ADDED (MCF)	\$1000 OF VALUE ADDED (MCF)
248 FOUNDATION GARMENT INDUSTRY.....	19	44	2.26	17	1	1
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	60	130	2.17	39	1	2
7 CLOTHING INDUSTRIES.....	312	731	2.34	13	0	1
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ...	758	1,665	2.20	107	2	3
252 VENEER AND PLYWOOD MILLS.....	455	952	2.09	184	4	8
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	362	818	2.26	48	1	2
256 WOODEN BOX FACTORIES.....	136	340	2.49	53	1	3
258 COFFIN AND CASKET INDUSTRY.....	8	23	2.70	44	1	2
259 MISCELLANEOUS WOOD INDUSTRIES.....	1,925	4,125	2.14	620	10	22
8 WOOD INDUSTRIES.....	3,645	7,922	2.17	159	3	6
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	622	1,433	2.30	44	1	2
264 OFFICE FURNITURE MANUFACTURERS.....	381	905	2.37	101	2	4
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	415	898	2.16	67	1	3
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	22	44	1.99	34	1	2
9 FURNITURE AND FIXTURE INDUSTRIES.....	1,441	3,281	2.28	58	1	3
271 PULP AND PAPER MILLS.....	49,467	100,920	2.04	2,195	22	51
272 ASPHALT ROOFING MANUFACTURERS.....	531	1,152	2.17	1,210	8	21
273 PAPER BOX & BAG MANUFACTURERS.....	1,568	3,614	2.30	122	2	5
274 MISCELLANEOUS PAPER CONVERTERS.....	1,592	3,662	2.30	154	2	5

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

53

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED		QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
10 PAPER AND ALLIED INDUSTRIES.....	53,158	109,348	2.06	1,151	14
286 COMMERCIAL PRINTING.....	1,001	2,344	2.34	40	1
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	102	249	2.44	24	1
288 PUBLISHING ONLY.....	0	0	.00	0	0
289 PUBLISHING AND PRINTING.....	350	856	2.45	21	1
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,453	3,449	2.37	28	1
291 IRON AND STEEL MILLS.....	45,124	97,426	2.16	994	9
292 STEEL PIPE AND TUBE MILLS.....	1,425	3,202	2.25	404	3
294 IRON FOUNDRIES.....	1,723	4,223	2.45	231	4
295 SMELTING AND REFINING.....	8,225	18,884	2.30	1,268	23
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	1,531	3,709	2.42	313	3
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.			CONFIDENTIAL		
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.			CONFIDENTIAL		
12 PRIMARY METAL INDUSTRIES.....	60,670	133,652	2.20	803	8
301 BOILER AND PLATE WORKS.....	434	1,076	2.48	78	1
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	438	1,069	2.44	75	1
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	530	1,235	2.33	65	1
304 METAL STAMPING, PRESSING AND COATING IND....	4,174	9,947	2.38	198	2
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	2,696	6,204	2.30	218	3
					7

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

54

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED		QUANTITY OF NATURAL GAS REQUIRED PER			
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	942	2,310	2.45	64	1	2
307 HEATING EQUIPMENT MANUFACTURERS.....	283	700	2.48	76	1	3
308 MACHINE SHOPS.....	188	452	2.40	36	1	1
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	3,205	7,719	2.41	193	3	6
13 METAL FABRICATING INDUSTRIES.....	12,887	30,712	2.38	138	2	5
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	2,190	5,109	2.33	211	3	7
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	2,750	6,858	2.49	68	1	2
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	264	627	2.38	81	1	3
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	205	509	2.49	32	0	1
14 MACHINERY INDUSTRIES.....	5,409	13,104	2.42	89	1	3
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	492	1,120	2.28	39	1	1
323 MOTOR VEHICLE MANUFACTURERS.....	4,338	10,168	2.34	104	0	3
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	386	972	2.52	65	1	2
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	7,817	18,842	2.41	147	2	4
326 RAILROAD ROLLING STOCK INDUSTRY.....	837	1,929	2.30	138	2	4
327 SHIPBUILDING AND REPAIR.....	118	275	2.34	54	1	2
328 BOATBUILDING AND REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....			CONFIDENTIAL			
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	14,041	33,439	2.38	114	1	3

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

55

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS (MCF)	\$1000 OF VALUE ADDED (MCF)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	572	1,393	2.43	133	2	5
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	1,191	2,846	2.39	134	2	4
333 MANUFACTURERS OF LIGHTING FIXTURES.....	98	255	2.60	62	1	2
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	70	184	2.65	25	0	1
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	798	1,874	2.35	33	1	1
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	1,587	3,716	2.34	73	2	3
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	835	2,014	2.41	157	1	5
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	844	2,101	2.49	77	2	3
16 ELECTRICAL PRODUCTS INDUSTRIES.....	5,995	14,384	2.40	75	1	3
351 CLAY PRODUCTS MANUFACTURERS.....	3,698	8,469	2.29	1,360	32	50
352 CEMENT MANUFACTURERS.....	5,118	10,185	1.99	3,730	23	37
353 STONE PRODUCTS MANUFACTURERS.....	7	18	2.64	30	1	1
354 CONCRETE PRODUCTS MANUFACTURERS.....	997	2,422	2.43	257	5	8
355 READY-MIX CONCRETE MANUFACTURERS.....	322	751	2.34	119	1	3
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	9,217	20,669	2.24	1,176	19	31
357 ABRASIVES MANUFACTURERS.....	429	1,059	2.47	195	3	7
358 LIME MANUFACTURERS.....	5,771	12,707	2.20	12,464	121	243
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	3,454	8,959	2.59	612	10	19
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	29,012	65,238	2.25	1,073	16	29

TABLE 8 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

56

MAJOR GROUP, SIC & INDUSTRY GROUP	NATURAL GAS USED			QUANTITY OF NATURAL GAS REQUIRED PER		
	QUANTITY (MCF 000)	COST (\$000'S)	UNIT PRICE (\$/MCF)	EMPLOYEE (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)	\$1000 OF SHIPMENTS VALUE ADDED (MCF)
365 PETROLEUM REFINERIES.....	10,296	22,895	2.22	976	3	24
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	101	280	2.77	1,086	5	20
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	10,397	23,175	2.23	977	3	24
372 MANUFACTURERS OF MIXED FERTILIZERS.....	11	35	3.31	16	0	1
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	2,150	4,755	2.21	705	3	10
374 MFRS PHARMACEUTICALS AND MEDICINES.....	784	1,811	2.31	84	1	2
375 PAINT AND VARNISH MANUFACTURERS.....	375	906	2.42	96	1	2
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	1,953	4,354	2.23	331	3	6
377 MANUFACTURERS OF TOILET PREPARATIONS.....	185	433	2.34	50	1	1
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	52,410	110,527	2.11	3,407	23	60
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	1,179	2,832	2.40	139	1	3
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES...	59,047	125,654	2.13	1,171	10	24
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	347	862	2.48	20	0	1
392 JEWELLERY AND SILVERWARE INDUSTRY.....	214	532	2.49	47	0	2
393 SPORTING GOODS AND TOY INDUSTRIES.....	352	881	2.50	55	1	2
397 SIGNS AND DISPLAYS INDUSTRY.....	185	470	2.55	52	2	3
399 MISCELLANEOUS MANUFACTURING IND..N.E.S.....	962	2,410	2.50	101	2	4
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	2,060	5,156	2.50	50	1	2
-----ALL MANUFACTURING INDUSTRIES-----	301,039	659,971	2.19	330	4	10

***** NOTE : END OF TABLE 8 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 9

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

57

MAJOR GROUP, SIC & INDUSTRY GROUP	L. P. G. USED			QUANTITY OF L. P. G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE (GAL)	\$1000 OF VALUE ADDED (GAL)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	74	45	.61	4	0	0
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	301	184	.61	33	0	1
104 DAIRY PRODUCTS INDUSTRY.....	246	138	.56	28	0	1
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	23	13	.57	7	0	0
106 FEED INDUSTRY.....	193	113	.59	59	0	1
107 BAKERY PRODUCTS INDUSTRIES.....	6	4	.61	0	0	0
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	154	107	.69	12	0	0
1 FOOD AND BEVERAGE INDUSTRIES.....	1,167	706	.60	13	0	0
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	85	58	.69	24	0	0
162 RUBBER PRODUCTS INDUSTRIES.....	356	201	.56	19	0	1
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	213	122	.57	10	0	0
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	569	323	.57	14	0	0
172 LEATHER TANNERIES.....	42	27	.63	25	0	1
174 SHOE FACTORIES.....	0	0	.00	0	0	0
175 LEATHER GLOVE FACTORIES.....	0	0	.00	0	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

58

MAJOR GROUP, SIC & INDUSTRY GROUP	L.P.G. USED		QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	0	0	.00	0	0
4 LEATHER INDUSTRIES.....	42	27	.63	3	0
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	0	0	.00	0	0
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	88	52	.59	9	0
184 CORDAGE AND TWINE INDUSTRY.....	6	4	.65	14	1
185 FELT AND FIBRE PROCESSING MILLS.....	3	2	.68	3	0
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	3	2	.51	2	0
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	76	25	.32	12	0
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	4	2	.52	0	0
5 TEXTILE INDUSTRIES.....	301	159	.53	10	0
231 HOSIERY MILLS.....	0	0	.00	0	0
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	5	3	.62	1	0
6 KNITTING MILLS.....	5	3	.62	1	0
243 MEN'S CLOTHING INDUSTRIES.....	0	0	.00	0	0
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	1	1	.68	2	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

59

MAJOR GROUP, SIC & INDUSTRY GROUP	L. P. G. USED		QUANTITY OF L. P. G. REQUIRED PER			
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
248 FOUNDATION GARMENT INDUSTRY.....	0	0	.00	0	0	0
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	3	2	.55	2	0	0
7 CLOTHING INDUSTRIES.....	4	2	.58	0	0	0
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	882	580	.66	124	2	4
252 VENEER AND PLYWOOD MILLS.....	39	24	.62	16	0	1
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	62	36	.58	8	0	0
256 WOODEN BOX FACTORIES.....	176	104	.59	69	1	3
258 COFFIN AND CASKET INDUSTRY.....	0	0	1.77	1	0	0
259 MISCELLANEOUS WOOD INDUSTRIES.....	632	404	.64	203	3	7
8 WOOD INDUSTRIES.....	1,791	1,148	.64	78	1	3
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	64	34	.53	5	0	0
264 OFFICE FURNITURE MANUFACTURERS.....	63	33	.52	17	0	1
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	17	10	.60	3	0	0
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	0	0	.00	0	0	0
9 FURNITURE AND FIXTURE INDUSTRIES.....	144	77	.54	6	0	0
271 PULP AND PAPER MILLS.....	1,023	627	.61	45	0	1
272 ASPHALT ROOFING MANUFACTURERS.....	0	0	.00	0	0	0
273 PAPER BOX & BAG MANUFACTURERS.....	324	207	.64	25	0	1
274 MISCELLANEOUS PAPER CONVERTERS.....	112	72	.65	11	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

60

MAJOR GROUP, SIC & INDUSTRY GROUP	L. P. G. USED		QUANTITY OF L. P. G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)
10 PAPER AND ALLIED INDUSTRIES.....	1,459	907	.62	32	0 1
286 COMMERCIAL PRINTING.....	25	16	.63	1	0 0
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	0	0	.78	0	0 0
288 PUBLISHING ONLY.....	0	0	.00	0	0 0
289 PUBLISHING AND PRINTING.....	0	0	.00	0	0 0
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	25	16	.63	0	0 0
291 IRON AND STEEL MILLS.....	353	171	.48	8	0 0
292 STEEL PIPE AND TUBE MILLS.....	78	53	.67	22	0 1
294 IRON FOUNDRIES.....	233	125	.54	31	1 1
295 SMELTING AND REFINING.....	142	82	.58	22	0 1
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	36	23	.62	7	0 0
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.					
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.					
12 PRIMARY METAL INDUSTRIES.....	1,443	789		19	0 0
301 BOILER AND PLATE WORKS.....	49	34	.70	9	0 0
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	71	47	.66	12	0 0
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	65	55	.84	8	0 0
304 METAL STAMPING, PRESSING AND COATING IND.....	593	368	.62	28	0 1
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	479	318	.66	39	1 1

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TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

61

MAJOR GROUP, SIC & INDUSTRY GROUP	L. P. G. USED			QUANTITY OF L. P. G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	32	21	.64	2	0	0
307 HEATING EQUIPMENT MANUFACTURERS.....	52	33	.64	14	0	1
308 MACHINE SHOPS.....	74	51	.69	14	0	1
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	382	259	.68	23	0	1
13 METAL FABRICATING INDUSTRIES.....	1,797	1,186	.66	19	0	1
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	223	124	.56	21	0	1
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	564	363	.64	14	0	0
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	13	17	1.25	4	0	0
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	0	0	.00	0	0	0
14 MACHINERY INDUSTRIES.....	800	504	.63	13	0	0
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	5	3	.62	0	0	0
323 MOTOR VEHICLE MANUFACTURERS.....	280	107	.38	7	0	0
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	62	38	.62	10	0	0
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,091	644	.59	21	0	1
326 RAILROAD ROLLING STOCK INDUSTRY.....	110	91	.83	18	0	1
327 SHIPBUILDING AND REPAIR.....	98	79	.80	45	1	1
328 BOATBUILDING AND REPAIR.....			CONFIDENTIAL			
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....			CONFIDENTIAL			
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	1,660	972	.59	14	0	0

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

62

MAJOR GROUP, SIC & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENT'S VALUE ADDED (GAL)	\$1000 OF SHIPMENT'S VALUE ADDED (GAL)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	32	21	.64	8	0	0
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	77	52	.68	9	0	0
333 MANUFACTURERS OF LIGHTING FIXTURES.....	0	0	.00	0	0	0
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	1	0	.63	0	0	0
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	13	10	.78	1	0	0
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	171	105	.61	8	0	0
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	152	98	.64	29	0	1
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	9	7	.77	1	0	0
16 ELECTRICAL PRODUCTS INDUSTRIES.....	456	293	.64	6	0	0
351 CLAY PRODUCTS MANUFACTURERS.....	107	72	.68	39	1	1
352 CEMENT MANUFACTURERS.....	28	16	.57	20	0	0
353 STONE PRODUCTS MANUFACTURERS.....	0	0	.00	0	0	0
354 CONCRETE PRODUCTS MANUFACTURERS.....	212	136	.64	55	1	2
355 READY-MIX CONCRETE MANUFACTURERS.....	10	7	.66	4	0	0
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	404	243	.60	52	1	1
357 ABRASIVES MANUFACTURERS.....	28	18	.66	13	0	0
358 LIME MANUFACTURERS.....	12	7	.57	27	0	1
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	209	114	.55	37	1	1
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	1,009	614	.61	37	1	1

TABLE 9 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

63

MAJOR GROUP, SIC & INDUSTRY GROUP	L.P.G. USED			QUANTITY OF L.P.G. REQUIRED PER		
	QUANTITY (GAL 000)	COST (\$000'S)	UNIT PRICE (\$/GAL)	EMPLOYEE (GAL)	\$1000 OF SHIPMENTS VALUE ADDED (GAL)	\$1000 OF VALUE ADDED (GAL)
365 PETROLEUM REFINERIES.....	19,718	5,773	.29	1,869	5	46
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	2	1	.64	20	0	0
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	19,720	5,774	.29	1,853	5	46
372 MANUFACTURERS OF MIXED FERTILIZERS.....	6	4	.68	9	0	0
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	143	72	.50	47	0	1
374 MFRS PHARMACEUTICALS AND MEDICINES.....	6	4	.72	1	0	0
375 PAINT AND VARNISH MANUFACTURERS.....	41	20	.48	10	0	0
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	45	28	.62	8	0	0
377 MANUFACTURERS OF TOILET PREPARATIONS.....	0	0	.90	0	0	0
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	721	524	.73	47	0	1
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	31	20	.65	4	0	0
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES.....	993	671	.68	20	0	0
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	54	29	.55	3	0	0
392 JEWELLERY AND SILVERWARE INDUSTRY.....	23	15	.65	5	0	0
393 SPORTING GOODS AND TOY INDUSTRIES.....	38	24	.64	6	0	0
397 SIGNS AND DISPLAYS INDUSTRY.....	39	27	.69	11	0	1
399 MISCELLANEOUS MANUFACTURING IND..N.E.S.....	18	9	.50	2	0	0
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	172	104	.61	4	0	0
-----ALL MANUFACTURING INDUSTRIES-----	33,641	14,333	.43	37	0	1

***** NOTE : END OF TABLE 9 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 10

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

64

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER			
	QUANTITY (TON)	COST (\$'000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)	\$1000 OF (TON)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
102 FISH PRODUCTS INDUSTRY.....						
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	1,435	56	38.87	.16	.00	.00
104 DAIRY PRODUCTS INDUSTRY.....	0	0	.00	.00	.00	.00
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	0	0	.00	.00	.00	.00
106 FEED INDUSTRY.....	0	0	.00	.00	.00	.00
107 BAKERY PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
108 MISCELLANEOUS FOOD INDUSTRIES.....						
109 BEVERAGE INDUSTRIES.....	0	0	.00	.00	.00	.00
1 FOOD AND BEVERAGE INDUSTRIES.....	1,599	84	52.56	.02	.00	.00
151 LEAF TOBACCO PROCESSORS.....						
153 TOBACCO PRODUCTS MANUFACTURERS.....						
2 TOBACCO PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00	.00
162 RUBBER PRODUCTS INDUSTRIES.....	64	3	40.28	.00	.00	.00
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	0	0	.00	.00	.00	.00
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	64	3	40.28	.00	.00	.00
172 LEATHER TANNERIES.....	0	0	.00	.00	.00	.00
174 SHOE FACTORIES.....	0	0	.00	.00	.00	.00
175 LEATHER GLOVE FACTORIES.....	0	0	.00	.00	.00	.00

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

65

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED	
					(TON)	(TON)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	0	0	.00	.00	.00	.00
4 LEATHER INDUSTRIES.....	0	0	.00	.00	.00	.00
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	0	0	.00	.00	.00	.00
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	0	0	.00	.00	.00	.00
184 CORDAGE AND TWINE INDUSTRY.....	0	0	.00	.00	.00	.00
185 FELT AND FIBRE PROCESSING MILLS.....	0	0	.00	.00	.00	.00
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	0	0	.00	.00	.00	.00
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	0	0	.00	.00	.00	.00
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	0	0	.00	.00	.00	.00
5 TEXTILE INDUSTRIES.....	0	0	.00	.00	.00	.00
231 HOSIERY MILLS.....	0	0	.00	.00	.00	.00
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	0	0	.00	.00	.00	.00
6 KNITTING MILLS.....	0	0	.00	.00	.00	.00
243 MEN'S CLOTHING INDUSTRIES.....	0	0	.00	.00	.00	.00
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	0	0	.00	.00	.00	.00

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

66

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER			
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE ADDED (TON)	
248 FOUNDATION GARMENT INDUSTRY.....	0	0	.00	.00	.00	.00
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	0	0	.00	.00	.00	.00
7 CLOTHING INDUSTRIES.....	0	0	.00	.00	.00	.00
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	0	0	.00	.00	.00	.00
252 VENEER AND PLYWOOD MILLS.....	625	20	32.00	.25	.01	.01
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	0	0	.00	.00	.00	.00
256 WOODEN BOX FACTORIES.....	0	0	.00	.00	.00	.00
258 COFFIN AND CASKET INDUSTRY.....	0	0	.00	.00	.00	.00
259 MISCELLANEOUS WOOD INDUSTRIES.....	0	0	.00	.00	.00	.00
8 WOOD INDUSTRIES.....	625	20	32.00	.03	.00	.00
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	171	7	42.88	.01	.00	.00
264 OFFICE FURNITURE MANUFACTURERS.....	0	0	.00	.00	.00	.00
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS....	0	0	.00	.00	.00	.00
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	0	0	.00	.00	.00	.00
9 FURNITURE AND FIXTURE INDUSTRIES.....	171	7	42.88	.01	.00	.00
271 PULP AND PAPER MILLS.....	178,000	5,273	29.62	7.90	.08	.18
272 ASPHALT ROOFING MANUFACTURERS.....	0	0	.00	.00	.00	.00
273 PAPER BOX & BAG MANUFACTURERS.....	0	0	.00	.00	.00	.00
274 MISCELLANEOUS PAPER CONVERTERS.....	0	0	.00	.00	.00	.00

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$'000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$'000 OF SHIPMENTS VALUE ADDED (TON)	\$'000 OF COAL REQUIRED PER VALUE ADDED (TON)
10 PAPER AND ALLIED INDUSTRIES.....	178,000	5,273	29.62	3.86	.05	.11
286 COMMERCIAL PRINTING.....	0	0	.00	.00	.00	.00
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	0	0	.00	.00	.00	.00
288 PUBLISHING ONLY.....	0	0	.00	.00	.00	.00
289 PUBLISHING AND PRINTING.....	0	0	.00	.00	.00	.00
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	0	0	.00	.00	.00	.00
291 IRON AND STEEL MILLS.....	0	0	.00	.00	.00	.00
292 STEEL PIPE AND TUBE MILLS.....	0	0	.00	.00	.00	.00
294 IRON FOUNDRIES.....	364	16	45.00	.05	.00	.00
295 SWELTING AND REFINING.....	8,209	519	63.18	1.27	.02	.04
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	0	0	.00	.00	.00	.00
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	10,993	760	69.12	.15	.00	.00
301 BOILER AND PLATE WORKS.....	0	0	.00	.00	.00	.00
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	0	0	.00	.00	.00	.00
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	0	0	.00	.00	.00	.00
304 METAL STAMPING, PRESSING AND COATING IND....	0	0	.00	.00	.00	.00
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00

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TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

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MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$'000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$'1000 OF SHIPMENTS VALUE ADDED (TON)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS.....	0	0	.00	.00	.00
307 HEATING EQUIPMENT MANUFACTURERS.....	0	0	.00	.00	.00
308 MACHINE SHOPS.....	7	1	128.57	.00	.00
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	91	4	40.30	.01	.00
13 METAL FABRICATING INDUSTRIES.....	98	5	46.61	.00	.00
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	0	0	.00	.00	.00
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	833	69	83.14	.02	.00
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	0	0	.00	.00	.00
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	0	0	.00	.00	.00
14 MACHINERY INDUSTRIES.....	833	69	83.14	.01	.00
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	0	0	.00	.00	.00
323 MOTOR VEHICLE MANUFACTURERS.....	52,996	2,854	53.85	1.27	.03
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	0	0	.00	.00	.00
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	3,597	194	53.85	.07	.00
326 RAILROAD ROLLING STOCK INDUSTRY.....	0	0	.00	.00	.00
327 SHIPBUILDING AND REPAIR.....	0	0	.00	.00	.00
328 BOATBUILDING AND REPAIR.....					
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....					
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	56,593	3,048	53.85	.46	.01

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TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

69

MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED			QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENTS VALUE (TON)	\$1000 OF VALUE ADDED (TON)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	0	0	.00	.00	.00	.00
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	0	0	.00	.00	.00	.00
333 MANUFACTURERS OF LIGHTING FIXTURES.....	0	0	.00	.00	.00	.00
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	0	0	.00	.00	.00	.00
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	0	0	.00	.00	.00	.00
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	97	4	40.28	.00	.00	.00
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	0	0	.00	.00	.00	.00
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	1,080	19	17.81	.10	.00	.00
16 ELECTRICAL PRODUCTS INDUSTRIES.....	1,177	23	19.67	.01	.00	.00
351 CLAY PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00
352 CEMENT MANUFACTURERS.....	534,397	17,708	33.13	389.50	2.44	3.91
353 STONE PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00
354 CONCRETE PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00
355 READY-MIX CONCRETE MANUFACTURERS.....	0	0	.00	.00	.00	.00
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	0	0	.00	.00	.00	.00
357 ABRASIVES MANUFACTURERS.....	0	0	.00	.00	.00	.00
358 LIME MANUFACTURERS.....	24,666	1,289	52.27	53.27	.52	1.04
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	16,198	698	43.11	2.87	.05	.09
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	575,261	19,696	34.23	21.28	.31	.58

TABLE 10 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

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MAJOR GROUP, SIC & INDUSTRY GROUP	COAL USED		QUANTITY OF COAL REQUIRED PER		
	QUANTITY (TON)	COST (\$000'S)	UNIT PRICE (\$/TON)	EMPLOYEE (TON)	\$1000 OF SHIPMENT'S VALUE ADDED (TON)
365 PETROLEUM REFINERIES.....	0	0	.00	.00	.00
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	0	0	.00	.00	.00
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	0	0	.00	.00	.00
372 MANUFACTURERS OF MIXED FERTILIZERS.....	0	0	.00	.00	.00
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	0	0	.00	.00	.00
374 MFRS PHARMACEUTICALS AND MEDICINES.....	0	0	.00	.00	.00
375 PAINT AND VARNISH MANUFACTURERS.....	0	0	.00	.00	.00
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	0	0	.00	.00	.00
377 MANUFACTURERS OF TOILET PREPARATIONS.....	0	0	.00	.00	.00
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	0	0	.00	.00	.00
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	0	0	.00	.00	.00
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	0	0	.00	.00	.00
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	0	0	.00	.00	.00
392 JEWELLERY AND SILVERWARE INDUSTRY.....	0	0	.00	.00	.00
393 SPORTING GOODS AND TOY INDUSTRIES.....	0	0	.00	.00	.00
397 SIGNS AND DISPLAYS INDUSTRY.....	0	0	.00	.00	.00
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	0	0	.00	.00	.00
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	0	0	.00	.00	.00
-----ALL MANUFACTURING INDUSTRIES-----	825,414	28,988	35.11	.90	.01

***** NOTE : END OF TABLE 10 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	304,357	7,202	23.66	18,227	113	587
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	123,888	3,561	28.74	13,430	157	403
104 DAIRY PRODUCTS INDUSTRY.....	198,294	4,871	24.56	22,533	150	643
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	138,301	3,199	23.13	43,573	320	924
106 FEED INDUSTRY.....	95,887	2,690	28.05	29,261	156	718
107 BAKERY PRODUCTS INDUSTRIES.....	102,608	2,707	26.37	8,188	189	386
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	226,147	5,251	23.21	17,377	192	310
1 FOOD AND BEVERAGE INDUSTRIES.....	1,717,327	41,389	24.10	19,798	173	528
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	66,151	1,693	25.59	18,798	106	323
162 RUBBER PRODUCTS INDUSTRIES.....	488,250	11,357	23.25	25,465	401	806
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	516,330	13,153	25.47	25,011	417	925
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	1,004,580	24,509	24.39	25,230	409	863
172 LEATHER TANNERIES.....	30,768	806	26.19	18,490	197	688
174 SHOE FACTORIES.....	38,155	1,028	26.93	4,361	123	255
175 LEATHER GLOVE FACTORIES.....	615	18	28.83	2,135	77	146

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

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MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	16,287	429	26.31	6,197	185	370	
4 LEATHER INDUSTRIES.....	85,825	2,280	26.56	6,438	152	354	
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL				
182 WOOL YARN AND CLOTH MILLS.....	20,719	541	26.11	13,586	362	616	
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	625,748	11,641	18.60	67,047	948	2,035	
184 CORDAGE AND TWINE INDUSTRY.....	9,435	247	26.21	21,298	476	964	
185 FELT AND FIBRE PROCESSING MILLS.....	18,486	496	26.81	17,572	369	827	
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL				
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	4,582	131	28.54	3,197	84	181	
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	56,753	1,372	24.17	9,298	135	308	
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	74,988	1,827	24.36	10,408	224	463	
5 TEXTILE INDUSTRIES.....	916,136	18,673	20.38	29,272	495	1,083	
231 HOSIERY MILLS.....	15,625	420	26.88	8,432	251	463	
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	41,722	1,129	27.06	7,775	226	459	
6 KNITTING MILLS.....	57,347	1,549	27.01	7,944	232	460	
243 MEN'S CLOTHING INDUSTRIES.....	40,091	1,085	27.07	3,022	82	144	
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL				
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL				
246 FUR GOODS INDUSTRY.....	1,264	38	30.09	2,754	35	95	

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

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MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENT'S VALUE (KWH)	\$1000 OF VALUE ADDED (KWH)	
248 FOUNDATION GARMENT INDUSTRY.....	3,402	95	27.92	2,930	90	135	
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	7,627	216	28.38	4,982	156	294	
7 CLOTHING INDUSTRIES.....	75,739	2,087	27.55	3,035	84	153	
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	231,457	5,521	23.85	32,577	467	957	
252 VENEER AND PLYWOOD MILLS.....	44,210	1,013	22.90	17,899	398	759	
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	64,576	1,833	28.38	8,656	167	370	
256 WOODEN BOX FACTORIES.....	17,556	495	28.19	6,831	139	324	
258 COFFIN AND CASKET INDUSTRY.....	845	30	35.79	4,447	139	246	
259 MISCELLANEOUS WOOD INDUSTRIES.....	128,406	3,007	23.41	41,328	660	1,454	
8 WOOD INDUSTRIES.....	487,050	11,898	24.42	21,267	369	785	
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	98,559	2,542	25.79	6,987	174	340	
264 OFFICE FURNITURE MANUFACTURERS.....	30,867	788	25.51	8,207	158	285	
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	37,762	976	25.85	6,064	131	260	
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	4,207	108	25.59	6,522	187	369	
9 FURNITURE AND FIXTURE INDUSTRIES.....	171,395	4,414	25.75	6,928	160	309	
271 PULP AND PAPER MILLS.....	5,118,148	91,991	17.97	227,080	2,292	5,238	
272 ASPHALT ROOFING MANUFACTURERS.....	13,552	316	23.30	30,870	204	533	
273 PAPER BOX & BAG MANUFACTURERS.....	207,851	5,025	24.17	16,183	237	629	
274 MISCELLANEOUS PAPER CONVERTERS.....	157,142	3,904	24.84	15,183	226	506	

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

74

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED		QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MWH)	COST (\$'000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF VALUE ADDED (KWH)
10 PAPER AND ALLIED INDUSTRIES.....	5,496,693	101,236	18.41	119,048	1,420	3,345
286 COMMERCIAL PRINTING.....	191,084	4,980	26.06	7,574	165	277
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	25,263	674	26.68	5,967	159	215
288 PUBLISHING ONLY.....	0	0	.00	0	0	0
289 PUBLISHING AND PRINTING.....	117,299	2,856	24.34	6,883	161	221
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES....	333,646	8,510	25.50	6,465	140	218
291 IRON AND STEEL MILLS.....	4,559,292	85,838	18.82	100,383	952	2,236
292 STEEL PIPE AND TUBE MILLS.....	115,561	2,832	24.51	32,765	257	814
294 IRON FOUNDRIES.....	419,498	10,737	25.59	56,195	1,086	2,104
295 SMELTING AND REFINING.....	1,959,751	34,056	17.37	302,104	5,590	8,839
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	240,718	4,503	18.70	49,186	463	1,820
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.						
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.						
12 PRIMARY METAL INDUSTRIES.....	7,546,177	143,884	19.06	99,932	1,032	2,543
301 BOILER AND PLATE WORKS.....	50,599	1,346	26.59	9,066	141	294
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	56,208	1,591	28.29	9,610	149	332
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	67,323	2,014	29.92	8,310	131	279
304 METAL STAMPING, PRESSING AND COATING IND....	325,159	8,500	26.14	15,408	188	455
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	239,077	5,683	23.77	19,358	288	655

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

75

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER			
	QUANTITY (MMH)	COST (\$000'S)	UNIT PRICE (\$/MMH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)	
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS...	124,307	3,391	27.27	8,436	190	286	
307 HEATING EQUIPMENT MANUFACTURERS.....	29,666	798	26.90	7,964	146	298	
308 MACHINE SHOPS.....	32,064	846	26.38	6,127	148	228	
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	240,083	6,087	25.35	14,492	233	483	
13 METAL FABRICATING INDUSTRIES.....	1,164,486	30,256	25.98	12,489	197	411	
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	167,393	3,534	21.11	16,116	214	524	
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	372,041	9,726	26.14	9,160	134	270	
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	22,057	576	26.09	6,762	99	224	
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	62,861	1,599	25.43	9,772	127	354	
14 MACHINERY INDUSTRIES.....	624,352	15,435	24.72	10,287	146	316	
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	107,562	2,698	25.08	8,507	179	308	
323 MOTOR VEHICLE MANUFACTURERS.....	685,831	15,455	22.53	16,417	76	403	
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	35,523	1,079	30.37	5,988	86	215	
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,435,387	34,921	24.32	27,073	328	697	
326 RAILROAD ROLLING STOCK INDUSTRY.....	83,952	1,986	23.82	13,720	156	398	
327 SHIPBUILDING AND REPAIR.....	24,101	578	23.97	11,030	183	307	
328 BOATBUILDING AND REPAIR.....			CONFIDENTIAL				
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....			CONFIDENTIAL				
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	2,378,152	56,903	23.92	19,341	157	518	

TABLE 11 (CONT'D)

INDUSTRY ENERGY STATISTICS AND SELECTED ENERGY-OUTPUT RATIOS - ONTARIO 1979

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MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS (KWH)	\$1000 OF VALUE ADDED (KWH)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	39,191	1,082	27.61	9,104	148	349
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).	102,133	2,460	24.08	11,451	178	378
333 MANUFACTURERS OF LIGHTING FIXTURES.....	10,667	311	29.15	6,751	99	228
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	14,063	368	26.17	5,019	60	148
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	194,477	4,539	23.33	8,026	169	261
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	228,972	5,435	23.73	10,531	223	385
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	173,075	4,011	23.17	32,625	297	1,022
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	118,558	3,055	25.77	10,810	245	468
16 ELECTRICAL PRODUCTS INDUSTRIES.....	881,136	21,261	24.12	11,035	199	385
351 CLAY PRODUCTS MANUFACTURERS.....	86,540	2,142	24.74	31,828	760	1,168
352 CEMENT MANUFACTURERS.....	676,321	12,606	18.63	492,945	3,093	4,950
353 STONE PRODUCTS MANUFACTURERS.....	1,309	37	28.40	5,870	162	264
354 CONCRETE PRODUCTS MANUFACTURERS.....	52,190	1,470	28.17	13,451	243	428
355 READY-MIX CONCRETE MANUFACTURERS.....	33,700	949	28.17	12,523	126	360
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	338,635	7,248	21.40	43,215	693	1,145
357 ABRASIVES MANUFACTURERS.....	840,587	14,715	17.50	382,085	5,300	12,991
358 LIME MANUFACTURERS.....	56,432	1,204	21.33	121,883	1,179	2,371
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	355,142	7,358	20.71	62,890	1,034	1,951
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	2,440,856	47,729	19.55	90,298	1,310	2,447

MAJOR GROUP, SIC & INDUSTRY GROUP	ELECTRICITY USED			QUANTITY OF ELECTRICITY REQUIRED PER		
	QUANTITY (MWH)	COST (\$'000'S)	UNIT PRICE (\$/MWH)	EMPLOYEE (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)	\$1000 OF SHIPMENTS VALUE ADDED (KWH)
365 PETROLEUM REFINERIES.....	1,315,043	24,917	18.94	124,625	325	3,082
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	5,476	170	30.96	58,882	288	1,093
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	1,320,519	25,086	18.99	124,051	325	3,059
372 MANUFACTURERS OF MIXED FERTILIZERS.....	10,170	289	28.39	15,270	109	555
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	371,460	7,399	19.91	121,830	601	1,767
374 MFRS PHARMACEUTICALS AND MEDICINES.....	90,136	2,292	25.42	9,634	156	240
375 PAINT AND VARNISH MANUFACTURERS.....	49,586	1,308	26.37	12,714	128	294
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	84,473	2,011	23.80	14,334	118	238
377 MANUFACTURERS OF TOILET PREPARATIONS.....	21,084	534	25.30	5,694	102	150
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	3,577,455	66,003	18.44	232,529	1,547	4,062
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	140,374	3,510	25.00	16,573	175	391
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	4,344,738	83,346	19.18	86,168	761	1,733
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	121,897	3,067	25.16	7,188	148	273
392 JEWELLERY AND SILVERWARE INDUSTRY.....	29,249	832	28.46	6,409	52	234
393 SPORTING GOODS AND TOY INDUSTRIES.....	54,512	1,489	27.30	8,590	177	327
397 SIGNS AND DISPLAYS INDUSTRY.....	16,449	456	27.70	4,602	146	247
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	99,462	2,573	25.87	10,467	222	403
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	321,569	8,417	26.17	7,854	143	306
-----ALL MANUFACTURING INDUSTRIES-----	31,433,874	650,555	20.69	34,406	412	1,036

***** NOTE : END OF TABLE 11 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 12

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1979

78

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L. P. G.	COAL	ELECTRICITY	TOTAL
	000 MILLION BTU						
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	1,308	578	2,526	9	0	1,038	5,459
102 FISH PRODUCTS INDUSTRY.....				CONFIDENTIAL			
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	1,121	91	1,648	35	36	423	3,354
104 DAIRY PRODUCTS INDUSTRY.....	1,054	651	2,257	29	0	677	4,668
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	80	20	823	3	0	472	1,398
106 FEED INDUSTRY.....	423	196	696	23	0	327	1,665
107 BAKERY PRODUCTS INDUSTRIES.....	284	388	1,562	1	0	350	2,585
108 MISCELLANEOUS FOOD INDUSTRIES.....				CONFIDENTIAL			
109 BEVERAGE INDUSTRIES.....	907	492	5,243	18	0	772	7,432
1 FOOD AND BEVERAGE INDUSTRIES.....	6,642	2,709	24,604	137	40	5,860	39,992
151 LEAF TOBACCO PROCESSORS.....				CONFIDENTIAL			
153 TOBACCO PRODUCTS MANUFACTURERS.....				CONFIDENTIAL			
2 TOBACCO PRODUCTS INDUSTRIES.....	165	43	284	10	0	226	728
162 RUBBER PRODUCTS INDUSTRIES.....	1,242	146	4,416	42	2	1,666	7,514
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	672	97	2,290	25	0	1,762	4,846
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	1,914	243	6,706	67	2	3,428	12,360
172 LEATHER TANNERIES.....	278	2	509	5	0	105	899
174 SHOE FACTORIES.....	34	9	162	0	0	130	335
175 LEATHER GLOVE FACTORIES.....	1	0	8	0	0	2	11

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1979

79

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
							000 MILLION BTU
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	17	5	71	0	0	56	149
4 LEATHER INDUSTRIES.....	330	16	751	5	0	293	1,395
181 COTTON YARN AND CLOTH MILLS.....				CONFIDENTIAL			
182 WOOL YARN AND CLOTH MILLS.....	1	6	316	0	0	71	394
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	1,878	16	5,465	10	0	2,135	9,504
184 CORDAGE AND TWINE INDUSTRY.....	12	1	6	1	0	32	52
185 FELT AND FIBRE PROCESSING MILLS.....	41	23	210	0	0	63	337
186 CARPET, MAT AND RUG INDUSTRY.....				CONFIDENTIAL			
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	24	15	34	0	0	16	89
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	106	7	312	9	0	194	628
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	167	22	841	0	0	256	1,286
5 TEXTILE INDUSTRIES.....	2,269	102	8,499	35	0	3,126	14,031
231 HOSIERY MILLS.....	37	0	102	0	0	53	192
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	231	4	565	1	0	142	943
6 KNITTING MILLS.....	268	4	667	1	0	196	1,136
243 MEN'S CLOTHING INDUSTRIES.....	116	12	147	0	0	137	412
244 WOMEN'S CLOTHING INDUSTRIES.....				CONFIDENTIAL			
245 CHILDREN'S CLOTHING INDUSTRY.....				CONFIDENTIAL			
246 FUR GOODS INDUSTRY.....	0	1	1	0	0	4	6

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1979

80

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L. P. G.	COAL	ELECTRICITY	TOTAL
							000 MILLION BTU
248 FOUNDATION GARMENT INDUSTRY.....	10	1	19	0	0	12	42
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	2	7	60	0	0	26	95
7 CLOTHING INDUSTRIES.....	140	34	312	0	0	258	744
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	856	298	758	103	0	790	2,805
252 VENEER AND PLYWOOD MILLS.....	132	25	455	5	16	151	784
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	150	189	362	7	0	220	928
256 WOODEN BOX FACTORIES.....	85	56	136	21	0	60	358
258 COFFIN AND CASKET INDUSTRY.....	4	6	8	0	0	3	21
259 MISCELLANEOUS WOOD INDUSTRIES.....	146	31	1,925	74	0	438	2,614
8 WOOD INDUSTRIES.....	1,375	605	3,645	210	16	1,662	7,513
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	273	61	622	8	4	336	1,304
264 OFFICE FURNITURE MANUFACTURERS.....	49	15	381	7	0	105	557
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	76	51	415	2	0	129	673
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	2	4	22	0	0	14	42
9 FURNITURE AND FIXTURE INDUSTRIES.....	400	130	1,441	17	4	585	2,577
271 PULP AND PAPER MILLS.....	9,419	101	49,467	120	4,434	17,463	81,004
272 ASPHALT ROOFING MANUFACTURERS.....	21	0	531	0	0	46	598
273 PAPER BOX & BAG MANUFACTURERS.....	234	146	1,568	38	0	709	2,695
274 MISCELLANEOUS PAPER CONVERTERS.....	181	47	1,592	13	0	536	2,369

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS		L. P. G.	COAL	ELECTRICITY	TOTAL
			000 MILLION BTU					
10 PAPER AND ALLIED INDUSTRIES.....	9,854	293	53,158		171	4,434	18,755	86,665
286 COMMERCIAL PRINTING.....	193	142	1,001		3	0	652	1,991
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	16	38	102		0	0	86	242
288 PUBLISHING ONLY.....	0	0	0		0	0	0	0
289 PUBLISHING AND PRINTING.....	66	213	350		0	0	400	1,029
111 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	275	393	1,453		3	0	1,138	3,262
291 IRON AND STEEL MILLS.....	20,593	172	45,124		41	0	15,556	81,486
292 STEEL PIPE AND TUBE MILLS.....	128	11	1,425		9	0	394	1,967
294 IRON FOUNDRIES.....	544	20	1,723		27	9	1,431	3,754
295 SMELTING AND REFINING.....	4,435	22	8,225		17	205	6,687	19,591
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	712	26	1,531		4	0	821	3,094
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING..								
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.								
12 PRIMARY METAL INDUSTRIES.....	27,236	283	60,670		169	274	25,748	114,380
301 BOILER AND PLATE WORKS.....	155	38	434		6	0	173	806
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	193	90	438		8	0	192	921
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY..	66	95	530		8	0	230	929
304 METAL STAMPING, PRESSING AND COATING IND....	304	147	4,174		69	0	1,109	5,803
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	108	42	2,696		56	0	816	3,718

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1979

82

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L. P. G.	COAL	ELECTRICITY	TOTAL
							000 MILLION BTU
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	64	105	942	4	0	424	1,539
307 HEATING EQUIPMENT MANUFACTURERS.....	23	16	283	6	0	101	429
308 MACHINE SHOPS.....	51	73	188	9	0	109	430
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	924	150	3,205	45	2	819	5,145
13 METAL FABRICATING INDUSTRIES.....	1,889	757	12,887	210	2	3,973	19,718
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	305	30	2,190	26	0	571	3,122
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	551	197	2,750	66	21	1,269	4,854
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	36	21	264	2	0	75	398
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	6	130	205	0	0	214	555
14 MACHINERY INDUSTRIES.....	899	378	5,409	94	21	2,130	8,931
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	469	28	492	1	0	367	1,357
323 MOTOR VEHICLE MANUFACTURERS.....	3,426	499	4,338	33	1,320	2,340	11,956
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	81	55	386	7	0	121	650
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	1,684	216	7,817	128	90	4,898	14,833
326 RAILROAD ROLLING STOCK INDUSTRY.....	331	9	837	13	0	284	1,474
327 SHIPBUILDING AND REPAIR.....	16	15	118	12	0	82	243
328 BOATBUILDING AND REPAIR.....							
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....							
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	6,021	838	14,041	194	1,410	8,114	30,618

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TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1979

83

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	39	11	572	4	0	134	760
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON)...	75	0	1,191	9	0	348	1,623
333 MANUFACTURERS OF LIGHTING FIXTURES.....	16	8	98	0	0	36	158
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	16	0	70	0	0	48	134
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	168	81	798	2	0	664	1,713
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	297	47	1,587	20	2	781	2,734
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	60	11	835	18	0	591	1,515
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS...	115	55	844	1	27	405	1,447
16 ELECTRICAL PRODUCTS INDUSTRIES.....	785	213	5,995	53	29	3,006	10,081
351 CLAY PRODUCTS MANUFACTURERS.....	215	21	3,698	12	0	295	4,241
352 CEMENT MANUFACTURERS.....	4,741	12	5,118	3	13,313	2,308	25,495
353 STONE PRODUCTS MANUFACTURERS.....	1	3	7	0	0	4	15
354 CONCRETE PRODUCTS MANUFACTURERS.....	733	206	997	25	0	178	2,139
355 READY-MIX CONCRETE MANUFACTURERS.....	1,067	115	322	1	0	115	1,620
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	49	30	9,217	47	0	1,155	10,498
357 ABRASIVES MANUFACTURERS.....	45	11	429	3	0	2,868	3,356
358 LIME MANUFACTURERS.....	1,207	8	5,771	1	614	193	7,794
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	3,394	46	3,454	24	404	1,212	8,534
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	11,452	452	29,012	118	14,331	8,328	63,693

TABLE 12 (CONT'D)

ENERGY CONSUMPTION IN BRITISH THERMAL UNITS - ONTARIO 1979

84

MAJOR GROUP, SIC & INDUSTRY GROUP	FUEL OIL	GASOLINE	NATURAL GAS	L.P.G.	COAL	ELECTRICITY	TOTAL
							000 MILLION BTU
365 PETROLEUM REFINERIES.....	214	38	10,296	2,307	0	4,487	17,342
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.	154	0	101	0	0	19	274
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	368	38	10,397	2,307	0	4,506	17,616
372 MANUFACTURERS OF MIXED FERTILIZERS.....	12	48	11	1	0	35	107
373 MFERS PLASTICS AND SYNTHETIC RESINS.....	1,573	13	2,150	17	0	1,267	5,020
374 MFERS PHARMACEUTICALS AND MEDICINES.....	111	106	784	1	0	308	1,310
375 PAINT AND VARNISH MANUFACTURERS.....	269	38	375	5	0	169	856
376 MFERS OF SOAP AND CLEANING COMPOUNDS.....	474	16	1,953	5	0	288	2,736
377 MANUFACTURERS OF TOILET PREPARATIONS.....	78	16	185	0	0	72	351
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	10,294	76	52,410	84	0	12,206	75,070
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	782	111	1,179	4	0	479	2,555
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	13,593	424	59,047	116	0	14,824	88,004
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	594	131	347	6	0	416	1,494
392 JEWELLERY AND SILVERWARE INDUSTRY.....	7	15	214	3	0	100	339
393 SPORTING GOODS AND TOY INDUSTRIES.....	85	35	352	4	0	186	652
397 SIGNS AND DISPLAYS INDUSTRY.....	21	73	185	5	0	56	340
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	152	53	962	2	0	339	1,508
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	859	307	2,060	20	0	1,097	4,343
-----ALL MANUFACTURING INDUSTRIES-----	86,734	8,264	301,039	3,936	20,563	107,252	527,788

***** NOTE : END OF TABLE 12 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 13

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

85

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000 'S)	VALUE ADDED IN MANUFACTURING (\$000 'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000 'S)	NET INVENTORY CHANGE (\$000 'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000 'S)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	2,160,598	518,834	21,185	7,518	2,693,100
102 FISH PRODUCTS INDUSTRY.....			CONFIDENTIAL		
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES...	486,153	307,301	11,510	13,487	791,477
104 DAIRY PRODUCTS INDUSTRY.....	1,002,362	308,258	17,338	10,040	1,317,918
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	279,475	149,669	5,480	2,655	431,969
106 FEED INDUSTRY.....	472,689	133,543	7,265	139	613,357
107 BAKERY PRODUCTS INDUSTRIES.....	269,178	265,913	9,928	886	544,133
108 MISCELLANEOUS FOOD INDUSTRIES.....			CONFIDENTIAL		
109 BEVERAGE INDUSTRIES.....	467,304	729,406	22,459	40,397	1,178,771
1 FOOD AND BEVERAGE INDUSTRIES.....	6,639,994	3,254,900	134,806	95,903	9,933,797
151 LEAF TOBACCO PROCESSORS.....			CONFIDENTIAL		
153 TOBACCO PRODUCTS MANUFACTURERS.....			CONFIDENTIAL		
2 TOBACCO PRODUCTS INDUSTRIES.....	439,081	205,050	3,193	21,923	625,390
162 RUBBER PRODUCTS INDUSTRIES.....	625,078	606,018	25,479	38,551	1,218,024
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	677,736	598,055	23,050	19,249	1,239,593
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	1,302,814	1,164,073	48,529	57,799	2,457,617
172 LEATHER TANNERIES.....	110,082	44,728	2,761	1,326	156,244
174 SHOE FACTORIES.....	166,925	149,758	1,591	7,597	310,677
175 LEATHER GLOVE FACTORIES.....	4,037	4,210	44	255	8,037

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

86

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	45,912	44,012	701	2,676	87,949
4 LEATHER INDUSTRIES.....	326,956	242,708	5,097	11,855	562,906
181 COTTON YARN AND CLOTH MILLS.....			CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	23,578	33,651	1,288	1,220	57,297
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	339,159	307,557	27,356	13,887	660,184
184 CORDAGE AND TWINE INDUSTRY.....	10,464	9,790	311	754	19,811
185 FELT AND FIBRE PROCESSING MILLS.....	26,422	22,359	1,269	-94	50,143
186 CARPET, MAT AND RUG INDUSTRY.....			CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND....	28,632	25,353	382	-400	54,767
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	238,910	184,077	2,673	6,465	419,195
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	175,778	161,810	4,617	6,949	335,257
5 TEXTILE INDUSTRIES.....	997,907	846,280	43,820	35,633	1,852,374
231 HOSIERY MILLS.....	30,845	33,760	789	3,174	62,219
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	94,003	90,840	3,064	3,067	184,840
6 KNITTING MILLS.....	124,847	124,600	3,853	6,241	247,059
243 MEN'S CLOTHING INDUSTRIES.....	226,151	278,909	1,928	20,288	486,700
244 WOMEN'S CLOTHING INDUSTRIES.....			CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....			CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	24,178	13,342	50	1,313	36,256

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$'000'S)	VALUE ADDED IN MANUFACTURING (\$'000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$'000'S)	NET INVENTORY CHANGE (\$'000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$'000'S)
248 FOUNDATION GARMENT INDUSTRY.....	13,191	25,236	176	719	37,885
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	25,446	25,960	401	2,926	48,882
7 CLOTHING INDUSTRIES.....	435,851	495,638	3,545	31,382	903,651
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	252,670	241,979	13,550	12,587	495,612
252 VENEER AND PLYWOOD MILLS.....	50,885	58,243	2,642	794	110,975
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	210,619	174,308	4,490	3,480	385,937
256 WOODEN BOX FACTORIES.....	70,620	54,104	1,572	-58	126,354
258 COFFIN AND CASKET INDUSTRY.....	2,687	3,431	113	160	6,071
259 MISCELLANEOUS WOOD INDUSTRIES.....	103,328	88,329	8,766	5,725	194,698
8 WOOD INDUSTRIES.....	690,807	620,394	31,134	22,688	1,319,647
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	276,805	290,172	5,249	6,420	565,805
264 OFFICE FURNITURE MANUFACTURERS.....	86,667	108,215	1,972	1,525	195,329
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	144,185	145,065	2,447	2,684	289,012
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	11,086	11,408	188	197	22,485
9 FURNITURE AND FIXTURE INDUSTRIES.....	518,743	554,859	9,856	10,827	1,072,632
271 PULP AND PAPER MILLS.....	1,029,954	977,118	231,900	5,874	2,233,098
272 ASPHALT ROOFING MANUFACTURERS.....	43,006	25,433	1,527	3,407	66,559
273 PAPER BOX & BAG MANUFACTURERS.....	546,331	330,505	10,672	9,777	877,731
274 MISCELLANEOUS PAPER CONVERTERS.....	388,513	310,346	8,477	12,519	694,816

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

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MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$'000'S)	VALUE ADDED IN MANUFACTURING (\$'000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$'000'S)	NET INVENTORY CHANGE (\$'000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$'000'S)
10 PAPER AND ALLIED INDUSTRIES.....	2,007,803	1,643,403	252,576	31,577	3,872,205
286 COMMERCIAL PRINTING.....	476,255	689,034	9,430	13,733	1,160,987
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	41,630	117,692	1,269	1,378	159,214
288 PUBLISHING ONLY.....	140,005	193,709	0	6,145	327,569
289 PUBLISHING AND PRINTING.....	191,196	530,952	5,413	94	727,466
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	849,086	1,531,388	16,112	21,350	2,375,236
291 IRON AND STEEL MILLS.....	2,635,671	2,039,145	234,336	120,705	4,788,447
292 STEEL PIPE AND TUBE MILLS.....	308,617	142,035	6,469	7,472	449,650
294 IRON FOUNDRIES.....	173,839	199,351	17,998	4,834	386,355
295 SMELTING AND REFINING.....	65,439	221,721	64,161	727	350,594
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	373,552	132,246	10,384	-4,095	520,277
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.			CONFIDENTIAL		
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.			CONFIDENTIAL		
12 PRIMARY METAL INDUSTRIES.....	4,141,148	2,966,984	348,553	144,451	7,312,234
301 BOILER AND PLATE WORKS.....	194,019	171,894	3,234	11,104	358,043
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	200,928	169,098	3,989	-2,832	376,848
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	277,218	241,200	4,207	8,089	514,535
304 METAL STAMPING, PRESSING AND COATING IND....	1,024,641	715,164	21,086	29,293	1,731,598
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	465,235	365,140	13,043	14,564	828,853

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$'000'S)	VALUE ADDED IN MANUFACTURING (\$'000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$'000'S)	NET INVENTORY CHANGE (\$'000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$'000'S)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS.....	226,745	434,416	6,669	13,086	654,744
307 HEATING EQUIPMENT MANUFACTURERS.....	105,288	99,415	1,712	2,761	203,654
308 MACHINE SHOPS.....	76,684	140,794	2,005	2,786	216,697
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	540,317	497,210	17,655	24,406	1,030,776
13 METAL FABRICATING INDUSTRIES.....	3,111,075	2,834,330	73,600	103,257	5,915,748
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	478,797	319,406	9,802	26,879	781,126
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	1,481,334	1,379,497	19,967	104,855	2,775,943
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	123,892	98,518	1,482	1,208	222,683
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	327,452	177,354	3,075	12,567	495,314
14 MACHINERY INDUSTRIES.....	2,411,474	1,974,775	34,326	145,509	4,275,065
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	275,001	349,057	5,316	27,893	601,481
323 MOTOR VEHICLE MANUFACTURERS.....	7,355,103	1,701,692	38,360	28,591	9,066,563
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	259,595	165,445	2,757	12,824	414,973
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	2,286,715	2,059,258	63,709	34,782	4,374,899
326 RAILROAD ROLLING STOCK INDUSTRY.....	356,734	209,528	5,013	38,552	532,722
327 SHIPBUILDING AND REPAIR.....	53,955	78,459	1,104	2,053	131,465
328 BOATBUILDING AND REPAIR.....			CONFIDENTIAL		
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....			CONFIDENTIAL		
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	10,620,246	4,592,432	116,782	144,913	15,184,546

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

90

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$000'S)	VALUE ADDED IN MANUFACTURING (\$000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$000'S)	NET INVENTORY CHANGE (\$000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$000'S)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	157,553	112,399	2,688	8,505	264,134
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	311,610	270,298	5,938	15,314	572,532
333 MANUFACTURERS OF LIGHTING FIXTURES.....	61,412	46,723	656	605	108,186
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS.....	156,241	95,007	601	19,383	232,466
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	441,046	746,327	7,476	46,456	1,148,394
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	445,557	594,464	10,511	25,019	1,025,513
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE.....	433,747	169,343	6,460	26,369	583,182
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	244,426	253,187	5,947	20,522	483,038
16 ELECTRICAL PRODUCTS INDUSTRIES.....	2,251,592	2,287,749	40,276	162,173	4,417,444
351 CLAY PRODUCTS MANUFACTURERS.....	29,821	74,076	11,587	1,649	113,836
352 CEMENT MANUFACTURERS.....	34,079	136,627	51,553	3,620	218,639
353 STONE PRODUCTS MANUFACTURERS.....	3,139	4,962	80	81	8,100
354 CONCRETE PRODUCTS MANUFACTURERS.....	87,629	121,911	8,199	2,872	214,867
355 READY-MIX CONCRETE MANUFACTURERS.....	168,423	93,682	6,722	302	268,524
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	171,504	295,711	28,598	7,090	488,723
357 ABRASIVES MANUFACTURERS.....	80,092	64,708	16,008	2,196	158,613
358 LIME MANUFACTURERS.....	5,742	23,797	18,372	59	47,852
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	139,917	182,016	27,021	5,343	343,612
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	720,347	997,489	168,140	23,211	1,862,765

TABLE 13 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

91

MAJOR GROUP, SIC & INDUSTRY GROUP	CONSUMPTION OF RAW MATERIALS AND SUPPLIES (\$'000'S)	VALUE ADDED IN MANUFACTURING (\$'000'S)	CONSUMPTION OF FUEL AND ELECTRICITY (\$'000'S)	NET INVENTORY CHANGE (\$'000'S)	VALUE OF SHIPMENTS OF OWN MANUFACTURE (\$'000'S)
365 PETROLEUM REFINERIES.....	3,614,199	426,706	58,125	51,425	4,047,604
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	13,136	5,010	882	9	19,019
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	3,627,335	431,716	59,007	51,433	4,066,624
372 MANUFACTURERS OF MIXED FERTILIZERS.....	74,651	18,319	686	278	93,378
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	403,009	210,239	19,714	15,240	617,722
374 MFRS PHARMACEUTICALS AND MEDICINES.....	209,244	374,953	5,190	10,531	578,855
375 PAINT AND VARNISH MANUFACTURERS.....	220,467	168,740	3,389	6,691	385,905
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	371,518	354,699	8,163	19,782	714,598
377 MANUFACTURERS OF TOILET PREPARATIONS.....	67,779	140,138	1,276	2,280	206,913
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	1,171,597	880,661	279,365	19,190	2,312,433
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	442,197	359,225	9,762	9,189	801,995
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	2,960,462	2,506,974	327,544	83,180	5,711,799
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND....	398,685	446,536	6,390	26,893	822,718
392 JEWELLERY AND SILVERWARE INDUSTRY.....	421,767	125,026	1,535	-10,917	559,246
393 SPORTING GOODS AND TOY INDUSTRIES.....	151,962	166,530	2,882	13,031	308,343
397 SIGNS AND DISPLAYS INDUSTRY.....	46,281	66,644	1,493	1,575	112,842
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	199,812	247,059	5,931	5,248	447,553
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1,216,507	1,051,795	18,231	35,831	2,250,702
-----ALL MANUFACTURING INDUSTRIES-----	45,394,074	30,327,537	1,738,968	1,241,136	76,219,442

***** NOTE : END OF TABLE 13 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

TABLE 14
GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
101 MEAT AND POULTRY PRODUCTS INDUSTRIES.....	215	16,698	273,139	16,358
102 FISH PRODUCTS INDUSTRY.....	15	CONFIDENTIAL		
103 FRUIT AND VEGETABLE PROCESSING INDUSTRIES....	110	9,225	127,052	13,773
104 DAIRY PRODUCTS INDUSTRY.....	173	8,800	136,777	15,543
105 FLOUR & BREAKFAST CEREAL PRODUCTS INDUSTRY..	25	3,174	56,267	17,727
106 FEED INDUSTRY.....	194	3,277	49,898	15,227
107 BAKERY PRODUCTS INDUSTRIES.....	520	12,532	175,814	14,029
108 MISCELLANEOUS FOOD INDUSTRIES.....	184	CONFIDENTIAL		
109 BEVERAGE INDUSTRIES.....	106	13,014	247,112	18,988
1 FOOD AND BEVERAGE INDUSTRIES.....	1,542	86,744	1,372,584	15,823
151 LEAF TOBACCO PROCESSORS.....	6	CONFIDENTIAL		
153 TOBACCO PRODUCTS MANUFACTURERS.....	5	CONFIDENTIAL		
2 TOBACCO PRODUCTS INDUSTRIES.....	11	3,519	61,414	17,452
162 RUBBER PRODUCTS INDUSTRIES.....	79	19,173	325,077	16,955
165 PLASTICS FABRICATING INDUSTRY, N.E.S.....	452	20,644	270,149	13,086
3 RUBBER AND PLASTICS PRODUCTS INDUSTRIES.....	531	39,817	595,226	14,949
172 LEATHER TANNERIES.....	14	1,664	23,089	13,876
174 SHOE FACTORIES.....	73	8,750	91,045	10,405
175 LEATHER GLOVE FACTORIES.....	8	288	3,000	10,415

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
179 LUGGAGE, HANDBAG & SMALL LEATHER GOODS MFRS.	81	2,628	27,200	10,350
4 LEATHER INDUSTRIES.....	176	13,330	144,333	10,828
181 COTTON YARN AND CLOTH MILLS.....	6	CONFIDENTIAL		
182 WOOL YARN AND CLOTH MILLS.....	10	1,525	19,396	12,719
183 MAN-MADE FIBRE, YARN AND CLOTH MILLS.....	40	9,333	137,045	14,684
184 CORDAGE AND TWINE INDUSTRY.....	11	443	5,287	11,934
185 FELT AND FIBRE PROCESSING MILLS.....	26	1,052	13,580	12,909
186 CARPET, MAT AND RUG INDUSTRY.....	13	CONFIDENTIAL		
187 CANVAS PRODUCTS & COTTON & JUTE BAGS IND.....	86	1,433	14,812	10,336
188 AUTOMOBILE FABRIC ACCESSORIES INDUSTRY.....	16	6,104	104,485	17,117
189 MISCELLANEOUS TEXTILE INDUSTRIES.....	205	7,205	84,311	11,702
5 TEXTILE INDUSTRIES.....	413	31,297	433,836	13,862
231 HOSIERY MILLS.....	27	1,853	20,319	10,965
239 KNITTING MILLS (EXCEPT HOSIERY MILLS).....	60	5,366	55,887	10,415
6 KNITTING MILLS.....	87	7,219	76,206	10,556
243 MEN'S CLOTHING INDUSTRIES.....	147	13,267	141,608	10,674
244 WOMEN'S CLOTHING INDUSTRIES.....	159	CONFIDENTIAL		
245 CHILDREN'S CLOTHING INDUSTRY.....	24	CONFIDENTIAL		
246 FUR GOODS INDUSTRY.....	76	459	6,265	13,649

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
248 FOUNDATION GARMENT INDUSTRY.....	9	1,161	13,347	11,496
249 MISCELLANEOUS CLOTHING INDUSTRIES.....	43	1,531	15,944	10,414
7 CLOTHING INDUSTRIES.....	458	24,957	268,771	10,769
251 SAWMILLS, PLANING MILLS AND SHINGLE MILLS ..	243	7,105	107,704	15,159
252 VENEER AND PLYWOOD MILLS.....	23	2,470	32,566	13,185
254 SASH, DOOR AND OTHER MILLWORK PLANTS.....	316	7,460	98,286	13,175
256 WOODEN BOX FACTORIES.....	88	2,570	34,497	13,423
258 COFFIN AND CASKET INDUSTRY.....	7	190	2,296	12,086
259 MISCELLANEOUS WOOD INDUSTRIES.....	84	3,107	44,795	14,418
8 WOOD INDUSTRIES.....	761	22,902	320,144	13,979
261 HOUSEHOLD FURNITURE MANUFACTURERS.....	649	14,107	171,995	12,192
264 OFFICE FURNITURE MANUFACTURERS.....	54	3,761	54,521	14,496
266 MISCELLANEOUS FURNITURE AND FIXTURES MFRS...	195	6,227	84,608	13,587
268 ELECTRIC LAMP AND SHADE MANUFACTURERS.....	28	645	6,236	9,669
9 FURNITURE AND FIXTURE INDUSTRIES.....	926	24,740	317,360	12,828
271 PULP AND PAPER MILLS.....	37	22,539	461,813	20,489
272 ASPHALT ROOFING MANUFACTURERS.....	5	439	6,695	15,251
273 PAPER BOX & BAG MANUFACTURERS.....	164	12,844	196,343	15,287
274 MISCELLANEOUS PAPER CONVERTERS.....	128	10,350	162,250	15,676

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

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MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
10 PAPER AND ALLIED INDUSTRIES.....	334	46,172	827,101	17,913
286 COMMERCIAL PRINTING.....	1,022	25,228	401,284	15,906
287 PLATEMAKING, TYPESETTING & TRADE BINDERY IND	221	4,234	73,613	17,386
288 PUBLISHING ONLY.....	299	5,106	72,688	14,236
289 PUBLISHING AND PRINTING.....	242	17,041	273,020	16,021
11 PRINTING, PUBLISHING & ALLIED INDUSTRIES.....	1,784	51,609	820,605	15,900
291 IRON AND STEEL MILLS.....	22	45,419	927,649	20,424
292 STEEL PIPE AND TUBE MILLS.....	20	3,527	69,408	19,679
294 IRON FOUNDRIES.....	59	7,465	126,664	16,968
295 SMELTING AND REFINING.....	11	6,487	137,163	21,144
296 ALUMINUM ROLLING, CASTING AND EXTRUDING.....	37	4,894	80,736	16,497
297 COPPER & ALLOY ROLLING, CASTING & EXTRUDING.	31	CONFIDENTIAL		
298 METAL ROLLING, CASTING AND EXTRUDING, N.E.S.	57	CONFIDENTIAL		
12 PRIMARY METAL INDUSTRIES.....	237	75,513	1,460,021	19,335
301 BOILER AND PLATE WORKS.....	53	5,581	115,315	20,662
302 FABRICATED STRUCTURAL METAL INDUSTRY.....	84	5,849	107,721	18,417
303 ORNAMENTAL AND ARCHITECTURAL METAL INDUSTRY.	320	8,101	120,500	14,875
304 METAL STAMPING, PRESSING AND COATING IND....	473	21,103	343,446	16,275
305 WIRE AND WIRE PRODUCTS MANUFACTURERS.....	188	12,350	196,407	15,903

TABLE 14 (CONT'D) GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
306 HARDWARE, TOOL AND CUTLERY MANUFACTURERS....	564	14,735	237,354	16,108
307 HEATING EQUIPMENT MANUFACTURERS.....	66	3,725	56,042	15,045
308 MACHINE SHOPS.....	409	5,233	83,197	15,898
309 MISCELLANEOUS METAL FABRICATING INDUSTRIES..	358	16,567	245,390	14,812
13 METAL FABRICATING INDUSTRIES.....	2,515	93,244	1,505,373	16,144
311 AGRICULTURAL IMPLEMENT INDUSTRY.....	65	10,387	208,513	20,074
315 MISCELLANEOUS MACHINERY AND EQUIPMENT MFRS..	646	40,614	660,848	16,271
316 COMMERCIAL REFRIG. AND AIR COND. EQUIP. MFRS	36	3,262	51,870	15,901
318 OFFICE AND STORE MACHINERY MANUFACTURERS....	38	6,433	110,880	17,236
14 MACHINERY INDUSTRIES.....	785	60,696	1,032,110	17,005
321 AIRCRAFT AND AIRCRAFT PARTS MANUFACTURERS...	51	12,644	229,711	18,168
323 MOTOR VEHICLE MANUFACTURERS.....	10	41,775	854,102	20,445
324 TRUCK BODY AND TRAILER MANUFACTURERS.....	105	5,932	91,301	15,391
325 MOTOR VEHICLE PARTS AND ACCESSORIES MFRS....	226	53,019	986,988	18,616
326 RAILROAD ROLLING STOCK INDUSTRY.....	9	6,075	115,610	19,030
327 SHIPBUILDING AND REPAIR.....	13	2,185	38,116	17,444
328 BOATBUILDING AND REPAIR.....	82	CONFIDENTIAL		
329 MISCELLANEOUS VEHICLE MANUFACTURERS.....	6	CONFIDENTIAL		
15 TRANSPORTATION EQUIPMENT INDUSTRIES.....	502	122,961	2,333,317	18,976

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

97

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$'000'S)	AVERAGE ANNUAL WAGE (\$)
331 MFRS OF SMALL ELECTRICAL APPLIANCES.....	42	4,305	60,410	14,033
332 MFRS OF MAJOR APPLIANCES (ELECTRIC AND NON).....	28	8,919	140,750	15,781
333 MANUFACTURERS OF LIGHTING FIXTURES.....	48	1,580	21,280	13,468
334 MFRS OF HOUSEHOLD RADIO AND TV RECEIVERS....	14	2,802	37,789	13,486
335 COMMUNICATIONS EQUIPMENT MANUFACTURERS.....	215	24,230	424,585	17,523
336 MFRS OF ELECTRICAL INDUSTRIAL EQUIPMENT.....	151	21,742	356,599	16,401
338 MANUFACTURERS OF ELECTRIC WIRE AND CABLE....	22	5,305	88,056	16,599
339 MFRS OF MISCELLANEOUS ELECTRICAL PRODUCTS....	98	10,967	160,044	14,593
16 ELECTRICAL PRODUCTS INDUSTRIES.....	618	79,850	1,289,513	16,149
351 CLAY PRODUCTS MANUFACTURERS.....	79	2,719	40,311	14,826
352 CEMENT MANUFACTURERS.....	8	1,372	29,323	21,372
353 STONE PRODUCTS MANUFACTURERS.....	33	223	2,926	13,119
354 CONCRETE PRODUCTS MANUFACTURERS.....	208	3,880	64,424	16,604
355 READY-MIX CONCRETE MANUFACTURERS.....	136	2,691	52,615	19,552
356 GLASS AND GLASS PRODUCTS MANUFACTURERS.....	54	7,836	137,457	17,542
357 ABRASIVES MANUFACTURERS.....	20	2,200	37,903	17,229
358 LIME MANUFACTURERS.....	6	463	8,624	18,625
359 MISC NON-METALLIC MINERAL PRODUCTS IND.....	51	5,647	99,833	17,679
17 NON-METALLIC MINERAL PRODUCTS INDUSTRIES.....	595	27,031	473,415	17,514

TABLE 14 (CONT'D)

GENERAL PRODUCTION DATA FOR ONTARIO INDUSTRIES - 1979

98

MAJOR GROUP, SIC & INDUSTRY GROUP	NUMBER OF ESTABLISHMENTS	NUMBER OF EMPLOYEES	TOTAL PAYROLL (\$000'S)	AVERAGE ANNUAL WAGE (\$)
365 PETROLEUM REFINERIES.....	23	10,552	265,839	25,193
369 MISC PETROLEUM AND COAL PRODUCTS INDUSTRIES..	17	93	1,622	17,443
18 PETROLEUM AND COAL PRODUCTS INDUSTRIES.....	40	10,645	267,461	25,125
372 MANUFACTURERS OF MIXED FERTILIZERS.....	56	666	9,712	14,583
373 MFRS PLASTICS AND SYNTHETIC RESINS.....	34	3,049	63,004	20,664
374 MFRS PHARMACEUTICALS AND MEDICINES.....	77	9,356	154,262	16,488
375 PAINT AND VARNISH MANUFACTURERS.....	78	3,900	60,444	15,499
376 MFRS OF SOAP AND CLEANING COMPOUNDS.....	55	5,893	107,343	18,215
377 MANUFACTURERS OF TOILET PREPARATIONS.....	46	3,703	47,443	12,812
378 MANUFACTURERS OF INDUSTRIAL CHEMICALS.....	63	15,385	346,797	22,541
379 MISCELLANEOUS CHEMICAL INDUSTRIES.....	203	8,470	138,722	16,378
19 CHEMICAL AND CHEMICAL PRODUCTS INDUSTRIES....	612	50,422	927,728	18,399
391 SCIENTIFIC AND PROFESSIONAL EQUIPMENT IND...	360	16,958	259,333	15,293
392 JEWELLERY AND SILVERWARE INDUSTRY.....	166	4,564	65,642	14,383
393 SPORTING GOODS AND TOY INDUSTRIES.....	130	6,346	79,482	12,525
397 SIGNS AND DISPLAYS INDUSTRY.....	219	3,574	48,065	13,449
399 MISCELLANEOUS MANUFACTURING IND., N.E.S.....	302	9,502	121,286	12,764
20 MISCELLANEOUS MANUFACTURING INDUSTRIES.....	1,177	40,944	573,809	14,014
-----ALL MANUFACTURING INDUSTRIES-----	14,104	913,612	15,100,327	16,528

***** NOTE : END OF TABLE 14 - FIGURES MAY NOT ADD TO TOTAL DUE TO ROUNDING *****

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